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GRIFFITH & TURNER CO.

BALTIMORE, MD.

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FARM & GARDEN SUPPLIES

1937 Catalog No. 50

The Lawn

Making and Maintaining a Lawn

Early spring and late summer are most favorable for making or renovating a lawn. Dig the soil to a depth of 6 inches, and pulverize thoroughly. Apply G. & T. Co.'s Grass Fertilizer at the rate of 100 pounds per 2,000 square feet, and rake in well. Sow one of our Special Lawn Formulas at the rate of 1 pound for every 200 square feet, and then rake very lightly, after which roll. Under favorable conditions the grass should germinate in about 10 to 15 days. Do not sprinkle a new lawn with water for the first three weeks, unless the seeding is followed by very hot, dry weather, but after this time it should be watered as required. An application of our Grass Fertilizer each year, using half the quantity suggested above, will keep your grass in a healthy condition.

Grass Seed Mixtures

G. & T. CO.'S IMPERIAL TURF MIXTURE. This superb grass seed is correctly proportioned to give that Old English effect, and is noted for its complete adaptability to variations in soil, climate, and other conditions. Weighs over 25 pounds to the measured bushel, which is an exceptional weight for lawn seed, and heavy seed means pure seed of highest quality, free from weeds and chaff. Lb. 50 cts.; 3 lbs. $1.45; 5 lbs. $2.35; 10 lbs. $4.50; 20 lbs. $8.50; 100 lbs. $40.

G. & T. CO.'S EVERGREEN LAWN GRASS. We recommend this for large areas. It is composed of fine recleaned grasses and White Dutch Clover of the highest purity and vitality, carefully proportioned to give a green lawn throughout the summer. Weighs 22 pounds to the measured bushel. Lb. 40 cts.; 3 lbs. $1.15; 5 lbs. $1.90; 10 lbs. $3.60; 20 lbs. $6.75; 100 lbs. $32.

G. & T. CO.'S BENT FORMULA. Composed of varieties which will make a permanent, luxuriant turf, finer in texture than a lawn of the ordinary type. Containing a liberal proportion of Bent Grass, it is deep, rich green in color and produces the effect of a soft rug, enduring from early spring until covered by snow. Weighs 28 pounds to the measured bushel. Lb. 75 cts.; 3 lbs. $2.10; 5 lbs. $3.35; 10 lbs. $6.50; 20 lbs. $12.40; 100 lbs. $60.

G. & T. CO.'S SHADY NOOK GRASS. A mixture of the shade-tolerant grasses, properly blended, that will do well under trees and other shady nooks in the garden. Sow seed at the rate of one pound to every 200 square feet, and apply lime, 50 pounds to every 1,000 square feet. In very stubborn cases it may be necessary to renovate for several years to obtain a rich green sward. If so, add lime each fall, as directed above, and sow seed at the rate of one pound to every 300 square feet. Lb. 50 cts.; 3 lbs. $1.45; 5 lbs. $2.35; 10 lbs. $4.50; 20 lbs. $8.50; 100 lbs. $40.

Keep your lawn growing luxuriantly by applying, each spring and fall

G. & T. Co.'s GRASS FERTILIZER

5 lbs.	$0.35	25 lbs.	$1.25
10 lbs.	.60	50 lbs.	2.00
100 lbs.	$3.50		

G. & T. CO.'S TERRACE SOD MIXTURE. A mixture of grasses that will produce strong, spreading roots, withstanding drought and sun, and thriving on shallow soils. If slope is very severe, sow along with each pound of seed 1 quart of oats for every 100 square feet of lawn, to help prevent washing by heavy rains. Lb. 45 cts.; 3 lbs. $1.30; 5 lbs. $2.10; 10 lbs. $4; 20 lbs. $7.60; 100 lbs. $36.

G. & T. CO.'S SEASHORE LAWN GRASS. A mixture of grasses that are especially suitable for lawns at the seashore. In preparing the soil, work in a liberal amount of sheep manure and top-dress with about 4 inches of good top-soil, as grasses will not grow well in pure sand. Lb. 45 cts.; 3 lbs. $1.30; 5 lbs. $2.10; 10 lbs. $4; 20 lbs. $7.60; 100 lbs. $36.

PARK LAWN GRASS (Low-priced Mixture). This is a commercial mixture of good-quality grass seed frequently sold at a higher price. We recommend it only where a fine and durable lawn is not required. Lb. 30 cts.; 100 lbs. $25.

WHITE DUTCH CLOVER. ¼lb. 20 cts.; ½lb. 30 cts.; lb. 50 cts.; 10 lbs. $4.

Separate varieties of Grasses described on page 40

GRIFFITH AND TURNER COMPANY

Seedsmen of Integrity Since 1860

1937
Catalog No. 50

205-215 N. PACA STREET • BALTIMORE, MD.

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GRIFFITH AND TURNER COMPANY

FARM AND GARDEN SUPPLIES.

SEED, BULBS, FARM IMPLEMENTS LADDERS AND WAGONS

PRINCIPAL OFFICE AND STORE 205-215 N. PACA STREET

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POULTRY, GREENHOUSE AND DAIRY SUPPLIES. FERTILIZERS.

IMPORTANT TO INSURE PROMPT ATTENTION KINDLY STATE AT TOP OF YOUR REPLY ATTENTION OF

BALTIMORE.

TO OUR FRIENDS AND CUSTOMERS

Few business enterprises maintain their original identity through a period of seventy-seven years or three generations. When they do, there is a definite reason for it - - and that reason is seldom hard to find.

We are very proud of our length of service because it has given us seasoned experience and has enabled us to act with sound judgment. It is a time tried policy with us that any transaction which is not satisfactory to you is not satisfactory to us; and it is evident that this policy and the progressive spirit which we have attempted to instill into this business, will keep it foremost in its field.

This year, much time has been devoted to the selection of seed for the flower lover and garden enthusiast. We know that they are the best that can be produced, as we have selected our seed always from that part of the world which produces the best seed of each variety. By this method we offer seeds and bulbs not merely "as good as" any other, but unquestionably the finest that we have ever had for sale.

This same policy and detailed effort has been devoted also to the selection of Farm Implements and Supplies, so that we feel we are better equipped than ever to satisfy the requirements of the increasing number of customers who look to us each year for their needs.

Cordially yours,

E.

GENERAL INFORMATION FOR OUR CUSTOMERS

FILLING ORDERS

More than 90 per cent of all orders received are shipped within twenty-four hours. Orders for Seeds, Plants, Bulbs, etc., placed in January or February, will be shipped promptly when you want the goods, or when the season for planting arrives, if you prefer.

PACKING AND SHIPPING

We make no charge for boxes and packing on retail orders, with this single exception: a charge of 30 cents each is made for 2-bushel seamless cotton bags. These bags are returnable to us for credit in the same amount.

HOW TO REMIT

Remittance should be made by Draft, Express Money Order, Post-Office Money Order, or Registered Letter.

DELIVERY

We deliver by prepaid Parcel Post to any post office in the United States, all retail orders for flower and garden seed, unless otherwise noted in the Catalog.

WE WELCOME CHARGE ACCOUNTS

So that no time will be lost on your first order, please send the names of two or more business houses with whom you have credit relations at present. Our references, Dun & Bradstreet Mercantile Agency.

PRICES TO MARKET GARDENERS

Market gardeners and all purchasers of seeds in large quantities should submit their list of seeds to us. We will quote special quantity prices promptly.

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IMPORTANT ABOUT PRICES

Should the Federal Government or any State increase by taxes, or otherwise, the cost or selling price of any merchandise listed in this Catalog, we reserve the right to add such taxes or other increases of cost to the prices in this book. All prices are subject to change without notice.

NON-WARRANTY

Our seeds are carefully selected and are the best that can be obtained. For your further protection, we test all seeds before placing them on the market. Because success in gardening depends largely on cultivation, soil, and weather conditions, Griffith & Turner Company give no warranty, expressed or implied, as to description (including kind, variety and name), purity or productiveness, or any other matter of any seeds, bulbs or plants we sell, and we will not be in any way responsible for the crop. Every order for these articles received will be accepted on these conditions only.

Parcel Post Rates

Weight in pounds	ZONES: Local	1st lb., up to 50 miles	2d lb., 50 to 150 miles	3d lb., 150 to 300 miles
1	$0.07	$0.08	$0.08	$0.09
2	.08	.10	.10	.11
3	.08	.11	.11	.13
4	.09	.12	.12	.15
5	.09	.13	.13	.17
6	.10	.14	.14	.19
7	.10	.15	.15	.21
8	.11	.16	.16	.23
9	.11	.17	.17	.25
10	.12	.18	.18	.27
11	.12	.19	.19	.29
12	.13	.21	.21	.31
13	.13	.22	.22	.33
14	.14	.23	.23	.35
15	.14	.24	.24	.37
16	.15	.25	.25	.39
17	.15	.26	.26	.41
18	.16	.27	.27	.43
19	.16	.28	.28	.45
20	.17	.29	.29	.47
21	.17	.30	.30	.49
22	.18	.32	.32	.51
23	.18	.33	.33	.53
24	.19	.34	.34	.55
25	.19	.35	.35	.57

Parcels weighing less than 10 pounds, measuring over 84 inches but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to that for a 10-pound parcel for the zone to which addressed.

Weight of Agricultural Seed Per Bushel and Quantity Usually Sown Per Acre

Wt. per bushel	Variety	Time to sow	Quantity per acre
48 lbs.	Barley	Aug.–Nov.	96 lbs.
48 lbs.	Buckwheat	June–Aug. 15	1 bus.
60 lbs.	Clover, Alfalfa	March–April, Aug.–Oct. 15	20–25 lbs.
60 lbs.	Clover, Alsike	Feb.–March, Aug.	8 lbs.
60 lbs.	Clover, Crimson	July–Sept.	15 lbs.
60 lbs.	Clover, Sweet	March–April, Aug.–Sept.	15–20 lbs.
60 lbs.	Clover, Red	Feb.–March	10–12 lbs.
60 lbs.	Clover, White (alone)	March–April, Aug.–Sept.	6 lbs.
56 lbs.	Corn (for soiling)	May	1– 2 bus.
20 lbs.	Evergreen Lawn Grass	March–April, Aug.–Sept.	4 bus.
56 lbs.	Field Corn (in hills)	May	4– 6 qts.
50 lbs.	German Millet	May–Aug. 1	50–75 lbs.
14 lbs.	Kentucky Blue Grass	April–May, Aug.–Sept.	42 lbs.
14 lbs.	Orchard Grass	April–May, Aug.–Sept.	42 lbs.
32 lbs.	Oats, Spring	March–April	75 lbs.
32 lbs.	Oats, Winter	March, Aug.–Oct.	50–75 lbs.
14 lbs.	Red-Top (unhulled)	April–May, Aug.–Sept.	42 lbs.
32 lbs.	Red-Top, Fancy	April–May, Aug.–Sept.	12 lbs.
60 lbs.	Rape	Feb.–Aug.	4– 6 lbs.
56 lbs.	Rye	Aug.–Nov.	60–80 lbs.
50 lbs.	Sorghum (for fodder)	May–June	50 lbs.
45 lbs.	Timothy (alone)	April–May, Aug.–Sept.	20 lbs.
	Timothy (with other grasses)		12 lbs.
	(Together for an acre: Red Clover, 6 lbs.; Timothy, 12 lbs.)		
60 lbs.	Wheat	Sept.–Nov. 15	100–120 lbs.
60 lbs.	Vetch, Winter (broadcast)	Aug.–Nov.	30 lbs.

Griffith & Turner Co.'s Choice Flower Seeds

ALL FLOWERS ARE DIVIDED INTO CLASSES

A.—Annual flowers produce blooms the same growing season. The seed is sown in the open ground as soon as the weather permits. If early plants are desired, the seed may be started inside during the late winter. These plants should be transplanted into the garden when all danger of frost is past. Annual plants will not live through the following winter.

B.—Biennial flowers usually require two growing seasons to bloom and complete their life. They seldom flower the first season. The seed is usually sown outdoors during June, July, and August. As the plants grow, they should be thinned to prevent crowding, and finally transplanted in the fall or spring to the place where they are to flower.

H.P.—Hardy Perennial flowers, as a rule, do not bloom until the second year, after which they continue to live over a period of years. Some perennials last a lifetime, while others may perish within three, four, or five growing seasons. There are many perennials that will flower the first year from seed, but as they do not usually live through the winter in this locality, they are generally accepted as annuals. Perennial seed, like Biennial seed, is usually sown outdoors during June, July, and August. As the plants grow, they, too, should be thinned to prevent crowding, and finally transplanted in the fall or spring to the place where they are to flower.

H.H.P.—Half-hardy Perennial flowers.

T.P.—Tender Perennials require the same treatment as Hardy Perennials, except they must be protected or put in the greenhouse during the winter.

PLANTING INSTRUCTIONS

Flower seed should be sown in good rich soil, and generally at a depth three times the diameter of the seed. If the seed is very small, it is best to mix it with a little sand, in order that the seed can be sown evenly. Do not attempt to cover fine seeds, but press them into the soil with your fingers. Fertilizer should not be applied when the seed is sown, but we recommend that G. & T. Co.'s Garden Fertilizer be applied regularly while the plants are growing.

Our Suggestion of Flowers

FOR SHADE:

Alyssum, Anchusa, Aquilegia, Bellis, Campanula, Centaurea, Clarkia, Coleus, Cynoglossum, Eschscholtzia, Geum, Godetia, Lupine, Myosotis, Nicotiana, Pansy, Platycodon, Primula, Schizanthus, Sweet William, Viola

FOR FRAGRANCE:

Alyssum, Candytuft, Carnation, Heliotrope, Lupine, Matthiola, Mignonette, Nasturtium, Gleam, Nicotiana affinis, Pansy, Scabiosa, Stocks, Sweet Peas, Sweet Sultan, Valeriana, Verbena, Violet

CLIMBING VINES:

Balloon Vine, Canary-Bird Flower, Cardinal Climber, Cobæa, Cypress Vine, Dolichos, Echinocystis, Gourds, Humulus, Ipomœa, Nasturtium, Tall, Scarlet Runner Beans, Sweet Peas

FOR PORCH-BOXES AND HANGING-BASKETS:

Ageratum, Asparagus, Coleus, Geranium, Lantana, Lobelia, Petunia, Portulaca, Tagetes, Verbena, Zinnia

FOR WINTER BOUQUETS:

Celosia cristata, Globe Amaranth, Gypsophila paniculata, Helichrysum, Honesty, Physalis, Statice

FOR CUTTING:

Agrostemma, Anchusa, Antirrhinum, Arctotis, Aster, Brachycome, Calendula, Calliopsis, Candytuft, Carnation, Centaurea, Chrysanthemum, Coreopsis, Cosmos, Cynoglossum, Delphinium, Dianthus, Didiscus, Dimorphotheca, Eupatorium, Gaillardia, Gerbera, Gypsophila, Helichrysum, Larkspur, Lupine, Marigold, Mignonette, Nasturtium, Gleam, Nigella, Pentstemon, Petunia, Phlox, Pyrethrum, Rudbeckia, Salpiglossis, Scabiosa, Stocks, Sweet Peas, Tritoma, Trollius, Ursinia, Valeriana, Verbena, Veronica, Zinnia

FOR ROCK-GARDENS:

Alyssum, Anagallis, Aquilegia alpina, Arabis, Armeria, Aubrietia, Bellis, Brachycome, Campanula carpatica, Cerastium, Cheiranthus, Dianthus, Dimorphotheca, Geum, Heuchera, Linaria, Lobelia, Marigold, Tunica, Ursinia, Venosa, Verbena, Viola

Flower Seed Collections and Special Mixtures

COLLECTIONS:

G. & T. Co.'s Annual Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, 75 cts.**

G. & T. Co.'s Rock-Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, $1.**

G. & T. Co.'s Perennial Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, $1.**

G. & T. Co.'s Old-Fashioned Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, $1.**

Many other collections of outstanding value are listed throughout our flower-seed and bulb sections

Novelties and Specialties for 1937

The symbol (AA) preceding certain varieties signifies that they are "All-America Selections," chosen by the All-America Council as worthy new varieties.

Rustproof Antirrhinum

(AA) Rustproof Antirrhinums

Snapdragons (H.P.)

A new disease-resistant strain which anyone can grow safely. Fine spikes of attractive flowers.

Crimson	**Canary-Yellow**
Pearl	**Garnet**
Rose-Pink	**Bronze**

Each, pkt. 25 cts.; 3 pkts. 60 cts.; $\frac{1}{16}$oz. $1.50

California De Luxe Mixture. **Pkt. 20 cts.; $\frac{1}{16}$oz. $1.**

Celestial. This lovely rust-resistant variety has big spikes of large, salmon-rose flowers. A popular shade of pink for cutting and outdoors. **Pkt. 25 cts.**

Cosmos

(AA) **Sensation, Finest Mixed.** Mammoth flowers with broad, heavy, fluted petals. Early flowering, blooming in ten weeks from time of seeding. **Pkt. 15 cts.; ⅛oz. 35 cts.**

Cornflower (Centaurea)

(AA) **Jubilee Gem.** A. A dwarf, compact variety only 10 to 15 inches high, with double Cornflower-blue flowers. An excellent sort where a low-growing, bushy plant is needed. **Pkt. 15 cts.**

Delphinium

Blackmore & Langdon's Choice Mixture. (Imported Strain.) H.P. An excellent strain with long spikes of large flowers in a fine range of colors. **Pkt. 25 cts.**

Wrexham or Hollyhock Strain. H.P. Massive spikes of bloom with very large, hollyhock-like florets. Excellent exhibition strain. **Pkt. 20 cts.; ⅛oz. 80 cts.**

Larkspur

(AA) **Rosamond.** A. The most distinctive Larkspur to be introduced in many years. Two weeks earlier than other Stock-flowering varieties and is exceptionally uniform. Heavy spikes of fully double, brilliant rose-colored flowers. **Pkt. 10 cts.; ¼oz. 45 cts.**

Giant Imperial

(AA) **White King.** Pure, glistening white flowers with rounded, broad petals, fully double. Height, 5 feet. **Pkt. 25 cts.**

Marigold

(The Gold Medal Winner for 1937)

(AA) **Crown of Gold.** A. The first Marigold with odorless foliage. Its fragrant, orange-yellow flowers are 2½ inches across, with centers of short, curled, quilled petals and a collar of flat guard petals on outside. The plants are 2½ feet tall, spreading, with sparse foliage, and bloom profusely early in the season. **Pkt. 25 cts.**

(AA) **Dixie Sunshine.** A. Produces 100 per cent fully double flowers. The plants are tall and stately and bear a profusion of golden yellow blooms which last 10 days or longer when cut. A late bloomer, coming two weeks after Yellow Supreme and Guinea Gold. **Pkt. 20 cts.; ⅛oz. 60 cts.**

Gigantea, Sunset Giants. A. Great flowers, 5 inches or more in diameter, with a definite sweet fragrance instead of the ordinary Marigold odor. The colors in this mixture range from deep orange through golden orange, deep golden yellow, light yellow, lemon-yellow, and a lovely new shade of primrose. Strong-growing plants with attractive foliage. **Pkt. 25 cts.; ⅛oz. 95 cts.**

Nasturtium

(AA) **New Double Scarlet Gleam.** A. A scarlet-flowered variation of the famous Golden Gleam. Flowers are fiery orange-scarlet, very fragrant, and borne on long stems. **Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.**

(AA) **New Double Gleam Hybrids.** A. A collection of gorgeously colored, double, fragrant flowers of the Golden Gleam type. Plants are semi-dwarf and the flowers cover a wide range of colors. **Pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.**

(AA) **Dwarf Double Golden Globe.** A. Pure golden yellow sweet-scented bloom of same color and form as Golden Gleam, but plants are dwarf, globe-shaped and bushy. **Pkt. 15 cts.; ½oz. 40 cts.; oz. 70 cts.**

Petunia

(AA) **Hybrida, Flaming Velvet.** A. A large, freely producing flower of brilliant velvety blood-red—a very unusual color. Neat, compact plants. **Pkt. 15 cts.; $\frac{1}{16}$oz. 60 cts.**

PETUNIA, continued

(AA) **Dainty Lady.** An entirely new color in Petunias—delicate golden yellow. The plants are neat, compact, semi-dwarf, and free-flowering, bearing an abundance of the medium-sized, delicately fringed blooms all summer. **Pkt. 25 cts.**

Phlox

(AA) **Drummondi gigantea, Art Shades.** Flowers 1¼ to 1½ inches in diameter, in a wonderful range of colors in soft art shades. Height, 9 inches. **Pkt. 25 cts.**

Poppy (Papaver)

(AA) **Yellow Wonder.** Extra-large flowers of a bright buttercup-yellow with a lighter center. Stems more than 2 feet long. Splendid for cutting. **Pkt. 25 cts.**

New Perennial Scabiosa

Giant Hybrids (Isaac House Strain). H.P. Fringed and ruffled flowers in various shades of blue. One of the finest garden flowers for cutting. **Pkt. 25 cts.; $\frac{1}{16}$oz. 60 cts.**

Sweet Pea

Shirley Temple. Soft rose-pink, fluted blooms. **Pkt. 25 cts.**

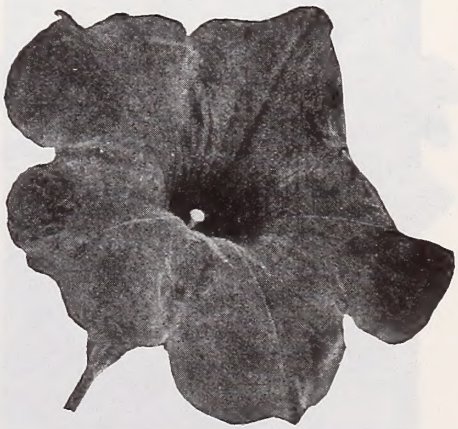
Verbena

(AA) **Floradale Beauty.** Large-flowered rose shades with salmon-rose predominating. **Pkt. 25 cts.**

Zinnias

(AA) **New Fantasy Zinnia, Star Dust.** A. Rich deep golden yellow flowers of the Fantasy type. The shaggy petals give an unusual artistic appeal to the flowers. **Pkt. 25 cts.; ⅛oz. 75 cts.**

Crown of Desert Gold. A. Large, double well-formed flowers on fine cutting stems. The color comprises both light and deep shades of gold, the edges of the petals being the light gold, and the rest of the petal much deeper. A beautiful flower, either in the garden or when cut. **Pkt. 20 cts.; ⅛oz. 75 cts.**



Petunia, Flaming Velvet

General List of Flower Seeds

ALL FLOWER SEEDS ARE SENT POSTPAID

ACHILLEA (Yarrow)

Kelwayi roseum. H.P. Rosy pink. Height, 1½ feet. June, July.
Pkt. 10 cts.; ⅛oz. 30 cts.

Ptarmica, The Pearl. H.P. Clusters of snow-white flowers on 2-foot plants. Blooms all summer. Fine for cutting.
Pkt. 15 cts.; ⅛oz. 50 cts.

AGATHAEA

Blue Border Daisy

Cœlestis. T.P. Beautiful sky-blue flowers. Blooms profusely during summer and fall. Fine for borders, also potted for winter blooming. Height, 1 foot.
Pkt. 10 cts.; ¼oz. 50 cts.

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a sheet of color from early summer until frost. Easily raised from seed.

Blue Perfection. A. Deep blue flowers. Compact grower. Fine for cutting and borders. Height, 9 inches.
Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Little Dorrit, Blue. A. Flowers bright blue. Used largely for edging. Height, 6 inches.
Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Little Dorrit, White. A. Same in habit as preceding, only white.
Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

AGROSTEMMA (Mullein Pink)

Coronaria. H.P. A free-flowering, hardy perennial with silvery foliage and attractive single crimson flowers. Height, 2 feet. June to September.
Pkt. 10 cts.; ¼oz. 25 cts.

AMARANTHUS

Annuals with brilliant foliage, growing from 3 to 5 feet high. Plant in hot, sunny location.

Molten Fire. A. Best and showiest. Bronze foliage tipped with fiery scarlet blooms.
Pkt. 15 cts.; ¼oz. 75 cts.

Tricolor (Joseph's Coat). A. Leaves red, yellow and green.
Pkt. 10 cts.; ¼oz. 25 cts.

ALYSSUM

The Alyssums are important plants in any garden, and the annual varieties make the finest of edgings while the perennials are especially good in rock- and wall-gardening.

Basket of Gold (*Alyssum saxatile compactum*). H.P. Bright yellow flowers which cover the plant from April to June. Height, 1 foot. Pkt. 10 cts.; ¼oz. 35 cts.; oz. $1.

Carpet of Snow. A. Pure white. Grows 2 to 3 inches high.
Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Lilac Queen. A. Very pretty lilac. Height, 6 inches.
Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Little Gem. A. Plants grow 4 inches high. Small white flowers.
Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

Sweet (*A. maritimum*). A. Plant of trailing habit, covered with white flowers all summer. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

ANAGALLIS (Pimpernel)

Cærulea. A. Completely covered during the greater part of the summer with beautiful gentian-blue blooms. The flowers close on the approach of bad weather, and open wide when clear weather is due. Sometimes called "Poor Man's Weatherglass." Height, 10 inches. Pkt. 10 cts.; ¼oz. 35 cts.

Terra-Cotta-Red. A. A dwarf annual of a cheerful brilliant hue.
Pkt. 10 cts.; ¼oz. 35 cts.

ANEMONE (Windflower)

St. Brigid. H.P. Both double and semi-double flowers in a wide variety of colors. Should have winter protection. Height, 1½ feet. Pkt. 15 cts.

ANNUAL POINSETTIA. See Euphorbia, page 9.

ANTIRRHINUM (Snapdragon)

An easily grown annual which blooms throughout summer and fall. A fine cut-flower.

Giant-flowering Tall Varieties. A. Height, 2½ feet.

Crimson King	**Pure White**
Golden King	**Rose King**
Pink Venus	**Scarlet Defiance**

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of the above 6 colors, 50 cts.

Finest Mixed. Pkt. 10 cts.; ¼oz. 35 cts.

Giant-flowering Medium Tall Varieties. A. Height, 1½ feet.

Bright Scarlet	**Pure White**
Deep Orange	**Rich Yellow**
Velvety Crimson	**Salmon-Rose**

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of the above 6 colors, 50 cts.

Finest Mixed. From named varieties.
Pkt. 10 cts.; ¼oz. 35 cts.

Rustproof Varieties. See description, page 3.

Miniature Snapdragon. See Linaria.

Forcing Varieties

These are special greenhouse strains, very carefully selected, coming into bloom in four to five months from seed.

Ceylon Court. A. Golden yellow.
Pkt. 35 cts.

Cheviot Maid Supreme. A. Dark pink.
Pkt. 50 cts.

His Excellency. A. Brilliant orange-scarlet.
Pkt. 25 cts.

Jennie Schneider. A. Salmon-pink.
Pkt. 25 cts.

Roman Gold. A. Copper and yellow.
Pkt. 35 cts.

White Rose. A. Pure white. Pkt. 25 cts.

G. & T. CO.'S ANNUAL GARDEN MIXTURE. A mixture of annual flower seeds for broadcasting in beds, corners, embankments, and other bare spots. Produces a mass of color, blooming all summer.
Pkt. 10 cts.; oz. 25 cts.; 5 ozs. $1.

Ageratum, Blue Perfection

Anemone, St. Brigid

Alyssum, Little Gem

ANCHUSA

Blue Bird. A. Dwarf, compact type, about 15 inches high, with indigo-blue flowers.
Pkt. 10 cts.; ¼oz. 35 cts.

Italica, Dropmore Variety. H.P. Bright blue, forget-me-not-like flowers on graceful stems the entire summer. Height, 4 feet.
Pkt. 10 cts.; ¼oz. 40 cts.

AQUILEGIA (Columbine)

Graceful plants that bear a profusion of flowers in early summer. Will grow in shade or sun. One of the loveliest of flowers and fine for cutting.

Mrs. Scott Elliott's Strain. A. One of the finest strains ever raised. The blooms are large, with very long spurs, in a fascinating range of colors. **Pkt. 15 cts.; ⅛oz. 95 cts.**

Giant Long-spurred, Blue Shades. H.P. All the shades of light and dark blue.
Pkt. 15 cts.; ⅛oz. 95 cts.

Giant Long-spurred, Pink Shades. H.P. All the shades of light and dark pink.
Pkt. 15 cts.; ⅛oz. 95 cts.

Copper Queen. (Long-spurred.) A. Petals and outside of corolla copper-red, with long spurs of deeper hue; inside of corolla straw-color. **Pkt. 15 cts.; ⅛oz. 95 cts.**

Giant Long-spurred, Mixed. H.P. Contains all colors of this splendid strain.
Pkt. 15 cts.; ⅛oz. 75 cts.

Alpine Blue. H.P. A fine rich blue variety for the rock-garden.
Pkt. 10 cts.; ⅛oz. 50 cts.

ARABIS (Rock Cress)

Alpina. H.P. Splendid for rockeries and edging, being covered with pure white flowers as soon as snow disappears. Height, 6 inches. **Pkt. 10 cts.; ¼oz. 35 cts.**

ARCTOTIS (African Lilac Daisy)

Grandis. A. Large flowers, pure white on upper surface, lilac-blue beneath. Blooms from July until frost. Likes full sun. Height, 2 to 3 feet.
Pkt. 10 cts.; ¼oz. 30 cts.

ARMERIA (Sea-Pink)

Dwarf plants that will thrive almost anywhere. Foliage in grassy tufts; flowers ball-shaped. Fine for the alpine garden or for use as edging plants.

Laucheana. H.P. Produces a mass of double, rosy crimson flowers during May and June. Height, 6 inches.
Pkt. 25 cts.; 1/16oz. 60 cts.; ⅛oz. $1.

ASTERS

An open, sunny position and well-prepared soil is needed to grow Asters to perfection. Work a liberal quantity of bone and a little hydrated lime into the soil before setting out the plants. The new wilt-resistant varieties are pretty nearly fool-proof. Asters bloom over a long period and are the finest of cut-flowers.

Early-blooming Varieties

Early Beauty. (**Wilt-resistant.**) A. Plants grow from 2½ to 3 feet high with long stems bearing large, well-formed flowers. The colors are good and keeping qualities are unsurpassed. Blooms early in July.

Azure-Blue	**Flesh-Pink**
Carmine-Rose	**Purple**
Crimson	**White**

Each, pkt. 15 cts.; ⅛oz. 45 cts.

COLLECTION: One pkt. each of the above 6 colors, 75 cts.

Mixed. **Pkt. 15 cts.; ⅛oz. 35 cts.**

Queen of the Market. (**Wilt-resistant.**) A. These well-known early-flowering Asters are of branching habit, about 20 inches high, and bloom in early July.

Crimson	**Peach Blossom**
Dark Blue	**Scarlet**
Flesh-Pink	**White**

Each, pkt. 15 cts.; ⅛oz. 35 cts.

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Mixed. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Midseason-blooming Varieties

Mammoth Peony-flowered. A. This superb strain has immense, double flowers, borne on long, non-lateral stems. The plants grow 2½ to 3 feet high, and bloom from late July until frost.

Azure Fairy	**Peach Blossom**
Deep Rose	**Purple**
Flesh-Pink	**White**

Each, pkt. 15 cts.; ⅛oz. 60 cts.

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Mixed. **Pkt. 15 cts.; ⅛oz. 50 cts.**

Improved Ostrich-feathered. (**Wilt-resistant.**) A. The flowers, borne on long stems, are of a loose, feathery character, and frequently measure over 5 inches in diameter. Plants grow about 2½ feet high.

Azure-Blue	***Purple**
***Crimson**	***Shell-Pink**
***Deep Rose**	**Sky-Blue**
***Light Blue**	***White**
Peach Blossom	

Each, pkt. 10 cts.; ⅛oz. 45 cts.

COLLECTION: One pkt. each of above 6 varieties marked *, 50 cts.

Mixed. **Pkt. 10 cts.; ⅛oz. 35 cts.**

California Giants, Improved. A. These beautiful Asters stand at the head of the list not only for florists' use, but also for private gardens. The plants grow 2½ to 3 feet high, with long stems bearing large, curled, and interlaced flowers 5 inches or more across, blooming from late July until frost.

Apple Blossom	**Dark Purple**
Light Blue	**Carmine**
Deep Rose	**White**

Each, pkt. 15 cts.; ⅛oz. 60 cts.

COLLECTION: One pkt. each of above 6 varieties, 75 cts.

Finest Mixed. **Pkt. 15 cts.; ⅛oz. 50 cts.**

Improved Giant California Sunshine. All plants of this new variety grow 3 feet high and bear blossoms on long, stiff stems; splendid for cutting. Flowers large, 4 to 5 inches in diameter. Colors remarkably beautiful. A two-tone effect is obtained through the contrasting colors of the disc-like center and the outer petals. In bloom all summer.

Flesh-Pink	**Rose**
Salmon-Pink	**White**
Purple	**Mixed**
Light Blue	

Each, pkt. 15 cts.; ⅛oz. 50 cts.

Astermum (A.) Wilt-resistant

A splendid new type of Aster bearing enormous flowers that give the impression of the Japanese chrysanthemums. Plants grow about 2 feet high, and bloom from July until frost.

Azure-Blue **Rose-Pink** **White**

Each, pkt. 10 cts.; ¼oz. 50 cts.

Mixed. **Pkt. 10 cts.; ¼oz. 40 cts.**

Miscellaneous Varieties

Peerless Yellow. A. A splendid new Aster with a border of pure white and the center rich deep yellow. **Pkt. 15 cts.; ⅛oz. 50 cts.**

Heart of France. (**Wilt-resistant.**) A. This is the largest flower of the dark red sorts. Plants grow about 2 feet high and bear ruby-red flowers in profusion in September. **Pkt. 15 cts.; ⅛oz. 50 cts.**

Ball's White. (**Wilt-resistant.**) A. A fine pure white Aster of dwarf, branching habit. Blooms with the midseason sorts.
Pkt. 15 cts.; ⅛oz. 50 cts.

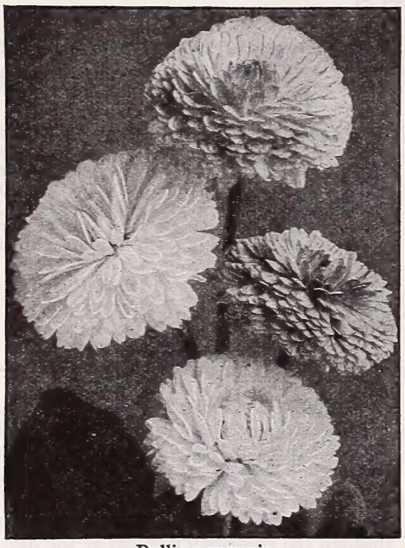
Ball's White Aster

Early Beauty Aster

California Giant Aster

Queen of the Market Aster

We Can Supply Many Varieties Not in Our General List



Bellis perennis

Hardy Perennial Asters

Michaelmas Daisy, Mixed. H.P. A select mixture. Medium-sized, single flowers. Plants grow about 3 feet high and bloom in September and October. Will flower the first year from seed if started early. **Pkt. 10 cts.; ⅛oz. 75 cts.**

ASPARAGUS

Plumosus nanus. A graceful pot-plant for house or conservatory. Grows freely in any sunny window. **Pkt. 15 cts.**

Sprengeri. Long, drooping branches. Fine for hanging-baskets or cutting. **Pkt. 10 cts.**

AUBRIETIA (False Wall Cress)

Large-flowering Hybrids. H.P. A delightful group of rock-garden or edging plants that thrive in sunny crevices, covered with brilliantly colored flowers of purple, violet, and rose, in spring and early summer. Height, 6 inches. **Pkt. 15 cts.; 1/16oz. 50 cts.**

BALSAM

Touch-me-not; Lady's Slipper

Double Camellia-flowered. One of the easiest annual flowers to grow. Plants reach a height of about 2 feet and bear the flower close against the stems. The ripe seed-pods fly open with an angry jerk if they are touched, scattering the seed for several feet in every direction.

Double Pink. A. Light pink. **Pkt. 10 cts.; ¼oz. 30 cts.**

Double, Mixed. A. All colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

BEGONIA GRACILIS

Wax Plant

This Begonia ranks with the geranium and coleus as a bedding plant, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. Make dense bushes 1 foot high.

Luminosa. A. Fiery, dark scarlet flowers and satiny brown foliage. **Pkt. 25 cts.**

Primadonna. A. Large, handsome plants with shining green foliage and rose-pink flowers. **Pkt. 25 cts.**

BELLIS PERENNIS

English Daisy

Little rosettes of dark green foliage. Short-stemmed double flowers from early spring until midsummer. Treat same as pansies.

Longfellow. T.P. Dark rose. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Snowball. T.P. Pure white. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Double, Mixed. T.P. A mixture containing all the colors. **Pkt. 10 cts.; ⅛oz. 35 cts.**

BRACHYCOME

Swan River Daisy

A free-flowering annual about 1 foot high, covered with a profusion of blue, rose, and white flowers the greater part of the summer.

Azure Fairy. A. Lavender-blue. **Pkt. 10 cts.; ¼oz. 45 cts.**

Rosea. A. Rose-pink. **Pkt. 10 cts.; ¼oz. 45 cts.**

Mixed. A. All colors. **Pkt. 10 cts.; ¼oz. 35 cts.**

BROWALLIA (Amethyst)

Blue and white flowers during summer and autumn. Height, 1½ feet.

Mixed. A. Rich blue and white. **Pkt. 10 cts.; ¼oz. 35 cts.**

CALCEOLARIA

Greenhouse or conservatory plants producing a mass of spotted, pocket-like flowers through the spring and summer.

Albert Kent Hybrids. T.P. A splendid English variety with medium-sized flowers produced in large, graceful clusters. An excellent mixture. **Pkt. 35 cts.**

CALENDULA (Pot Marigold)

Splendid free-flowering annuals of easy culture. One of the most desirable cut-flowers.

Ball's Apricot. A. Large soft apricot flowers, dark eye. **Pkt. 15 cts.; ¼oz. 35 cts.**

Ball's Gold. A. Very large deep golden yellow flowers. **Pkt. 15 cts.; ¼oz. 35 cts.**

Ball's Orange. A. Bright glowing orange, dark center; petals slightly notched. **Pkt. 15 cts.; ¼oz. 35 cts.**

Lemon Queen. A. Rich golden yellow. **Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.**

Orange King. A. Deep orange. **Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.**

Finest Mixed. A. All colors. **Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.**

Campfire (Sensation). A. Very large flowers of dark orange with a scarlet sheen. One of the best forcing Calendulas. **Pkt. 10 cts.; ¼oz. 40 cts.; oz. $1.**

Golden Radio. A. Flowers very double, of a rich golden orange with petals beautifully quilled. **Pkt. 10 cts.; ¼oz. 25 cts.**

Chrysantha. A. An entirely new type, bearing a striking resemblance to the chrysanthemum. Flowers rich buttercup-yellow. **Pkt. 10 cts.; ¼oz. 25 cts.**

CALLIOPSIS

Very showy annuals of easy culture, blooming all summer. Do not transplant.

Golden Wave. A. Rich golden yellow, center dark red. Height, 1 foot. **Pkt. 10 cts.; ¼oz. 25 cts.**

The Dazzler. A. Large; yellow, with rich maroon centers. **Pkt. 10 cts.; ¼oz. 25 cts.**

The Sultan. A. Large flowers of rich maroon-crimson. **Pkt. 10 cts.; ¼oz. 25 cts.**

Tall, Mixed. A. Good mixture of the tall varieties. **Pkt. 10 cts.; ¼oz. 20 cts.**

Dwarf, Mixed. Excellent mixture of dwarf sorts. **Pkt. 10 cts.; ¼oz. 20 cts.**

CACTUS

Desert plants requiring very little water. It is most interesting as well as educational to watch them grow.

Mixture. Good varieties, including rare sorts. **Pkt. 25 cts.**

CAMPANULAS (Bellflowers)

The Bellflower family are very interesting garden plants, embracing the annual, biennial, and perennial classes. Some are tall, others are dwarf, but they are all beautiful.

New Annual Campanulas

These new Canterbury Bells will bloom the first year.

Angelus Bell. Deep rose.
Liberty Bell. Deep violet-blue.
Each, pkt. 15 cts.; ⅛oz. 45 cts.

Mixed. **Pkt. 10 cts.; ⅛oz. 35 cts.**

Calycanthema (Cup-and-Saucer). B. These produce large, single flowers resembling a cup and saucer. **Dark Blue, Rose,** or **White. Each, pkt. 10 cts.; ⅛oz. 35 cts.**

Carpatica (Carpathian Bellflower). H.P. Deep blue flowers all summer. Especially good for edging and rock-gardens. Height, 6 inches. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Longestyla. H.P. Large purple flowers on 1- to 1½-foot plants. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Medium, Single, Mixed (Canterbury Bell). B. A mixture of the single varieties in Blue, Rose, and White. Plants grow from 2 to 3 feet high, and bloom in June. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Medium, Double, Mixed. B. Double-flowering form of the above. **Pkt. 10 cts.; ⅛oz. 35 cts.**

Persicifolia, Blue (Peach Bells). H.P. One of the finest of the hardy Bellflowers, growing 2 to 2½ feet high. **Pkt. 15 cts.; ⅛oz. 60 cts.**

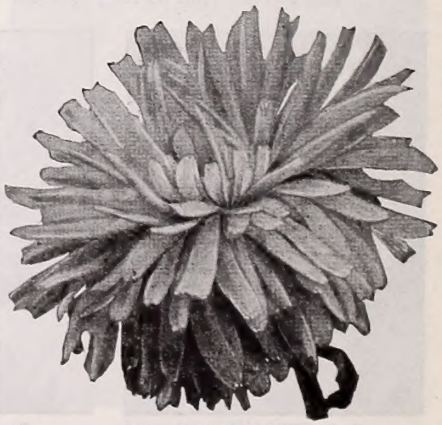
Pyramidalis (Chimney Bellflower). H.P. A beautiful flower growing 4 to 5 feet high. **Mixed.** **Pkt. 10 cts.; ⅛oz. 45 cts.**

Rotundifolia (Blue Bells of Scotland). H.P. Plants grow about 1 foot high, bearing a profusion of clear blue flowers from June to August. Fine for rock-gardens. **Pkt. 25 cts.**

CANARY-BIRD VINE

Tropæolum canariense (A.)

A rapid-growing annual climber producing numbers of pretty canary-yellow, fringed flowers which are long-lasting as cut-flowers. **Pkt. 10 cts.; ½oz. 30 cts.**



Calendula chrysantha

Try Jubilee Gem Corn flower in Your Garden This Year

CANDYTUFT (Iberis)

The popular bedding and border plant, growing about 1 foot high. The perennial varieties can be trimmed, making perfect edgings and low hedges.

Annual Varieties

Bright Rose — **Flesh-Pink**
Carmine — **Lilac**
Crimson — **White**

Each, pkt. 10 cts.; ½oz. 35 cts.

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Mixed. **Pkt. 10 cts.; ½oz. 25 cts.**

Perennial Varieties

Gibraltarica. H.P. White, shaded lilac. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Sempervirens. H.P. White. Evergreen foliage. **Pkt. 10 cts.; ⅛oz. 40 cts.**

CARNATIONS

Giant Marguerite (A.)

These fragrant flowers come into bloom within a few weeks from time of sowing and will survive an ordinary winter if given slight protection. Height, 1½ feet.

Double, Mixed. **Pkt. 10 cts.; ¼oz. 50 cts.**

Chabaud's Giant Double. A. Plants upright, bearing numerous large double flowers on long stems. Readily grown from seed and just as full and fragrant as those sold by the florist. Start the seed indoors in boxes.

Cardinal-Red — **Violet Shades**
Flesh-Pink — **Crimson**
Salmon-Rose — **White**

Each, pkt. 15 cts.; ⅛oz. 50 cts.

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Finest Mixed. **Pkt. 10 cts.; ¼oz. 35 cts.**

CARDINAL CLIMBER

Ipomœa quamoclit hybrida (A.)

A rapid-growing annual climber with fern-like foliage and clusters of small cardinal-red flowers. The most brilliant of all annual climbers. Soak the seed in warm water before planting. **Pkt. 15 cts.; ⅛oz. 35 cts.**

CASTOR-OIL PLANT (Ricinus)

Red Spire. Foliage bronzy green. 6 ft. **Pkt. 10 cts.; oz. 40 cts.**

Mixed. A. A select mixture of all colors. **Pkt. 10 cts.; oz. 20 cts.**

Centaurea imperialis

CELOSIA

Showy annuals growing best in a light soil. The dried flower-heads make attractive winter ornaments.

Childsi (Chinese Woolflower). A. A most distinct and beautiful new form of Celosia. The plants are free branching and bear in profusion beautiful ball-shaped flowers resembling silky wool. **Fine Mixture.** Height, 2 feet. **Pkt. 10 cts.; ⅛oz. 25 cts.**

Cristata (Cockscomb). A. Interesting and free-flowering annuals of easy culture, producing large, brilliant crimson, comb-like heads. Excellent for borders. In bloom from July until frost. Height, 1½ to 2 feet. **Pkt. 10 cts.; ⅛oz. 25 cts.**

Plumosa (Feathered Cockscomb). A. An excellent decorative plant. The feathery plumes are produced on long stems and are splendid for cutting. **Finest Mixed.** **Pkt. 10 cts.; ¼oz. 30 cts.**

CENTAUREAS

An extremely interesting class of annuals and perennials which are very popular. They are fine for cutting, and very easily grown.

DOUBLE CORNFLOWERS (*Centaurea cyanus*). These are also known as Ragged Robin, Ragged Sailor, Bachelor's Buttons, Bluet and Blue Bottle.

Blue. A. The best and most popular color. **Pkt. 10 cts.; ¼oz. 25 cts.**

Mixed. A. **Pkt. 10 cts.; ¼oz. 20 cts.**

GIANT SWEET SULTANS (*Centaurea imperialis*). Beautiful sweet-scented flowers on long, strong stems that are especially fine for cutting, lasting for several days.

Yellow. A. Bright yellow. **Pkt. 10 cts.; ¼oz. 25 cts.**

Finest Mixed. A. **Pkt. 10 cts.; ¼oz. 25 cts.**

DUSTY MILLER (Centaurea).

Candidissima. A. Silvery white leaves that are excellent for edging. **Pkt. 10 cts.; ⅛oz. 35 cts.**

HARDY CENTAUREA (Mountain Bluet).

Montana. H.P. Large blue flowers, like a big Cornflower, blooming from July to September. Height, 2 feet. **Pkt. 10 cts.; ⅛oz. 25 cts.**

Jubilee Gem. See Novelties, page 3.

CERASTIUM (Snow-in-Summer)

Tomentosum. H.P. A fine spreading perennial plant with attractive silvery foliage and small white flowers in May and June. Excellent for rock- and wall-gardens. Prefers sunny locations. Height, 10 to 12 inches. **Pkt. 10 cts.; ⅛oz. 30 cts.**

CHEIRANTHUS (Wallflower)

Allioni (Siberian Wallflower). P. Early-flowering perennial Wallflowers with beautiful orange flowers. A fine rockery or dwarf border plant blooming for a long time. Height, 1 foot. **Pkt. 10 cts.; ¼oz. 25 cts.**

Kewensis (Greenhouse Wallflower). H.H.P. Opens light yellow and changes to pale purple. Height, 2 feet. **Pkt. 20 cts.**

CHELONE (Turtle-Head)

Handsome perennial growing 2 to 3 feet high with narrow, cylindrical, firecracker-like flowers. Blooms during summer and fall.

Barbata Hybrids. H.P. Shades of pink, rose, red, violet. **Pkt. 10 cts.; ⅛oz. 25 cts.**

Annual Chrysanthemums

CHRYSANTHEMUMS

Annual Varieties

Plants grow 2 feet high, and bear a profusion of daisy-like flowers from July to October. Splendid for cutting.

Northern Star. White, with yellow ring around dark brown eye. **Pkt. 10 cts.; ¼oz. 25 cts.**

Eastern Star. Primrose-yellow, with dark brown eye. **Pkt. 10 cts.; ¼oz. 25 cts.**

Single, Mixed. Choice mixture of all single varieties. **Pkt. 10 cts.; ¼oz. 20 cts.**

Double, Mixed. Select mixture of double sorts. **Pkt. 10 cts.; ¼oz. 25 cts.**

Maximum (Shasta Daisy)

Maximum, Alaska. H.P. Magnificent pure, glistening white Daisy 5 inches across. An excellent cut-flower. Height, 3 feet. **Pkt. 10 cts.; ⅛oz. 25 cts.**

CINERARIA

Ornamental house plants, bearing magnificent heads of velvety, daisy-like flowers in all shades of crimson, pink, blue, violet, and purple.

Multiflora nana, Mixed. Compact plants with good heads of brightly colored flowers. Fine mixture. **Pkt. 35 cts.**

CLARKIA

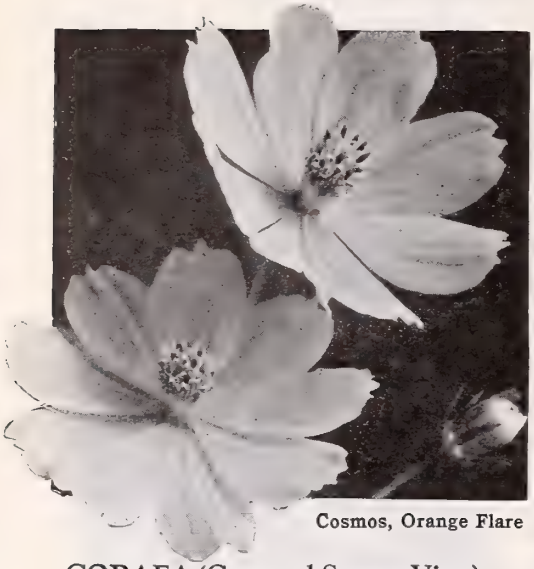
Elegans Double and **Single, Mixed.** A. A pretty annual of easy cultivation. Long racemes of flowers in July on plants 2 to 2½ feet high. **Pkt. 10 cts.; ¼oz. 25 cts.**

CLEOME

Gigantea (Giant Spider Plant). A. Branching plants, 4 to 5 feet tall, with large heads of odd-shaped white flowers. **Pkt. 10 cts.; ¼oz. 25 cts.**

COIX

Lacryma-jobi (Job's Tears). A. A strong, broad-leaved ornamental grass, with large, shining, pearly seeds. Height, 2 to 3 feet. **Pkt. 10 cts.; oz. 25 cts.**



Cosmos, Orange Flare

Didiscus cærulea

Cynoglossum amabile

COBAEA (Cup-and-Saucer Vine)

Scandens. A. A rapid-growing climber attaining a height of 30 feet during the season. Purple flowers on very long stalks. Will cling to any rough surface. Place the seeds edgewise and cover lightly.
Pkt. 10 cts.; ¼oz. 25 cts.

COLEUS

Popular plants with beautifully colored foliage. Equally good as a house-plant or for garden bedding. Easily grown from seed.

Finest Mixed. Great range of colors.
Pkt. 15 cts.; 1/16oz. 75 cts.

COREOPSIS

Plants grow about 2 feet high and are covered with a mass of yellow flowers all during the summer. Requires little or no attention.

Grandiflora, Single. H.P. Rich golden yellow flowers. **Pkt. 10 cts.; ¼oz. 25 cts.**

Grandiflora, Double, Sunburst. *New.* H.P. Double form of above.
Pkt. 15 cts.; ⅛oz. 35 cts.

COSMOS

For garden decoration or long-stemmed cut-flowers, Cosmos are unsurpassed. They are easy to grow and do best in poor soil.

Early Single Dwarf, Mixed. A. A select mixture of crimson, pink, and white flowering sorts. Blooms from July until frost. Height, 3 feet.
Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

EXTRA-EARLY DOUBLE CRESTED. Crimson, Pink, White, Mixed.
Each, pkt. 15 cts.; ¼oz. 85 cts.

LATE TALL SINGLE. Blooms from September until frost. Height, 6 to 8 feet. **Crimson, Pink, White.**
Each, pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Mixed. **Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.**

Lady Lenox. A. Deep rosy pink flowers of gigantic size. Late-blooming type.
Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

LATE TALL DOUBLE, CRESTED.

Mixed. Choice mixture of double Cosmos.
Pkt. 15 cts.; ¼oz. 40 cts.; oz. $1.20.

Klondyke, Orange Flare. A. An early-flowering type with vivid orange flowers and very attractive light green foliage. **Pkt. 15 cts.; ¼oz. 65 cts.**

CYCLAMEN

Charming winter- and spring-flowering house-plants with beautiful variegated foliage and richly colored, fragrant blooms. Start seed any time during the summer or autumn.

Choice Mixture. **Pkt. 35 cts.**

CYNOGLOSSUM

Chinese Forget-me-not

A highly perfumed plant of easy culture, growing about 1½ feet high and producing throughout the summer large sprays of forget-me-not-like blooms.

Amabile, Blue. A. Deep blue.
Pkt. 10 cts.; ¼oz. 25 cts.

Amabile, Pink. A. Rich deep pink.
Pkt. 10 cts.; ¼oz. 50 cts.

CYPRESS VINE

Ipomœa quamoclit (A.)

A very popular vine with fern-like foliage and masses of star-shaped flowers. Grows 15 feet high. Soak the seed in warm water for several hours before sowing.

Scarlet. **Pkt. 10 cts.; ¼oz. 20 cts.**
White. **Pkt. 10 cts.; ¼oz. 20 cts.**

DWARF DAHLIAS

Unwin's Dwarf Bedding, Mixed. A. This new race can be easily grown from seed and blooms in about 3 months. They are extremely free flowering and come in a very wide color-range. Height, about 2 feet.
Pkt. 15 cts.; ⅛oz. 75 cts.

DELPHINIUMS

The hybrid Delphiniums, with their massive spikes, are the aristocrats of the perennial garden, while the branching types are grand cut-flowers. Seed can be sown any time from spring till fall.

Belladonna. H.P. Clear turquoise-blue.
Pkt. 10 cts.; ⅛oz. 50 cts.

Bellamosum. H.P. Rich deep blue.
Pkt. 10 cts.; ⅛oz. 50 cts.

Blackmore & Langdon's Strain. See Novelties and Specialties, page 3.

Cardinale. H.P. Brilliant scarlet. Plants grow 2½ to 3 feet high.
Pkt. 15 cts.; ⅛oz. 75 cts.

DELPHINIUMS, continued

Cliveden Beauty. (Improved Belladonna.) H.P. Large flowers and a stronger growing plant. **Pkt. 20 cts.; ⅛oz. $1.25.**

Gold Medal Mixture. H.P. A choice mixture of the best varieties.
Pkt. 15 cts.; ⅛oz. 40 cts.

Iceberg. H.P. This beautiful Delphinium reaches a height of 4 feet and bears long spikes of pure white blooms. **Pkt. 25 cts.**

Wrexham or Hollyhock Type. See Novelties and Specialties, page 3.

DIANTHUS (Pinks)

These include some of the most beautiful flowers in cultivation, in a great variety of brilliant colors. The profuse-blooming plants average about 1 foot in height.

Annual Varieties

Chinensis (China Pink). Select mixture of all the single types in many bright colors.
Pkt. 10 cts.; ¼oz. 25 cts.

Heddewigi (Japanese Pink). A colorful assortment of all shades of the double types. **Pkt. 10 cts.; ¼oz. 25 cts.**

Sweet Wivelsfield (Hybrid Dianthus). Free-flowering annual, resembling a Sweet William in a great variety of colors. Blooms from June until frost.
Pkt. 10 cts.; ⅛oz. 25 cts.

Hardy Perennial Varieties

Allwoodi alpinus. Showy, single and semi-double, fragrant flowers in choice colors. A rock-garden gem. Height, 4 to 6 inches.
Pkt. 25 cts.

Deltoides (Maiden Pink). A fine variety for the rock-garden, with brilliant rose flowers in June and July. Height, 6 inches.
Pkt. 10 cts.; ⅛oz. 40 cts.

Plumarius, Double, Mixed (Clove Pink). Double, fringed flowers in many colors; very sweet scented. Height, 1 foot.
Pkt. 10 cts.; ¼oz. 50 cts.

Plumarius, Single, Mixed (Pheasant's Eye). Large, single, fringed flowers of many colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

DIDISCUS (Blue Lace Flower)

Cærulea. A. The long, slender stems terminate in flat clusters of lavender-blue, lace-like flowers. Height, 1½ feet.
Pkt. 10 cts.; ¼oz. 50 cts.

Dimorphotheca

Eschscholtzia

Annual Gaillardia

DIGITALIS (Foxglove)

Old-fashioned biennials, producing an abundance of long spikes of tubular-shaped flowers in June and July. Used in shrubberies and half-shady places. Height, 2 to 4 feet.

Giant Shirley, Mixed. B. The greatest improvement ever made in Foxgloves. Enormous spikes of flowers of unusual size in a wide range of colors, spotted and blotched. **Pkt. 15 cts.; ⅛oz. 30 cts.**

Gloxiniæflora, Isabellina. B. *New.* Very striking flowers of straw-yellow which change to buff-chamois. Produces three or four flower-spikes to a plant. **Pkt. 15 cts.; ⅛oz. 45 cts.**

Gloxiniæflora. B. A fine strain with gloxinia-like flowers on long spikes. **Purple, Rose, White,** and **Mixed.** **Each, pkt. 10 cts.; ¼oz. 35 cts.**

DIMORPHOTHECA

African Golden Daisy

Aurantiaca Hybrids, Mixed. A. Large flowers in shades of yellow, orange, and rich salmon. Plants grow about 15 inches high, and bloom the greater part of the summer and fall. **Pkt. 10 cts.; ¼oz. 40 cts.**

DOLICHOS (Hyacinth Bean)

Lablab. A. A rapid-growing climber with purple and white pea-shaped flowers, followed by ornamental maroon-red seed-pods. **Pkt. 10 cts.; oz. 25 cts.**

ECHINOCYSTIS

Wild Cucumber Vine

Lobata. A. One of the quickest growing annual vines, with attractive bright green foliage and sprays of white flowers during July and August, followed by feathery seed-pods. **Pkt. 10 cts.; ½oz. 20 cts.**

ECHINOPS (Globe Thistle)

Ritro. H.P. Attractive, silvery, thistle-like foliage with steel-blue flowers in July and August. Height, 3 to 4 feet. **Pkt. 10 cts.; ¼oz. 25 cts.**

ERIGERON (Midsummer Daisy)

Speciosus grandiflorus. P. An attractive hardy border plant, producing clear mauve, daisy-like flowers with bright golden yellow centers. Height, 1½ feet. **Pkt. 15 cts.; ⅛oz. 65 cts.**

ERYNGIUM (Sea Holly)

Amethystinum. H.P. Ornamental plants growing 2 to 3 feet high, with thistle-like flowers of amethyst-blue and holly-like foliage. Fine for winter bouquets. **Pkt. 10 cts.; ⅛oz. 50 cts.**

ESCHSCHOLTZIA

California Poppy

Profuse-blooming annuals with gorgeously colored flowers from early summer to frost. Sow where they are to bloom. Height, 1 foot.

Dazzler. A. *New.* Bright scarlet. **Pkt. 10 cts.; ¼oz. 40 cts.**

Fireflame. A. Orange-scarlet. Silvery foliage. **Pkt. 10 cts.; ¼oz. 40 cts.**

Mauve Beauty. A. Pure mauve. **Pkt. 10 cts.; ¼oz. 40 cts.**

Hybrids, Mixed. A. Contains all the erect types and newest varieties in a wide range of rich colors. **Pkt. 10 cts.; ¼oz. 35 cts.**

EUPATORIUM (Thoroughwort)

Fraseri. H.P. A very pretty dwarf variety producing clusters of snow-white flowers. Does best in shade. Height, 1½ feet. **Pkt. 10 cts.; ⅛oz. 35 cts.**

EUPHORBIA

Easy-growing annuals with ornamental foliage.

Heterophylla (Annual Poinsettia). A. A striking plant that resembles the hothouse poinsettia. Grows 2 to 3 feet high, with glossy green foliage which turns to a rich orange-scarlet about midsummer. **Pkt. 10 cts.; ¼oz. 30 cts.**

Variegata (Snow-on-the-Mountain). A. Bright green foliage, veined and margined with white, and clusters of green and white bracts topping each stem. Height, 2 feet. **Pkt. 10 cts.; ¼oz. 25 cts.**

FELICIA

Bergeriana (Kingfisher Daisy). A. Beautiful blue, daisy-like blooms, with yellow centers, often ¾ inch across. Grass-like foliage. Desirable for rock-gardens. Height, 6 inches. **Pkt. 15 cts.; 1/16oz. 60 cts.; ⅛oz. 85 cts.**

FOUR O'CLOCK

Marvel of Peru (Mirabilis) (A.)

Free-flowering plants whose blossoms open at 4 o'clock in the afternoon. Tubular flowers of many colors. Bushy plants 2 to 4 feet high.

Tall Mixed. **Pkt. 10 cts.; oz. 20 cts.**
Dwarf Mixed. **Pkt. 10 cts.; oz. 30 cts.**

GAILLARDIA (Blanket Flower)

Annual Varieties

Easily grown plants that bloom quickly from seed and produce an abundance of showy flowers. Useful for garden decoration and cutting. Height, 1½ feet.

Pulchella picta, Indian Chief. A. Large, glistening bronze-red blooms with dark brown centers from early summer until frost. **Pkt. 10 cts.; ¼oz. 25 cts.**

Pulchella picta lorenziana. A select mixture of the double types in various colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

Perennial Varieties

Colorful perennials that are permanent. If seed is sown early, will bloom the first year, from July until frost. Height, 2 feet.

Grandiflora, Burgundy. Coppery scarlet flowers on long stems. **Pkt. 15 cts.; ⅛oz. 50 cts.**

Grandiflora, Finest Mixed. A choice mixture of many color variations. **Pkt. 10 cts.; ¼oz. 25 cts.**

GAZANIA

Splendens hybrida grandiflora. H.H.P. Low-growing plants, bearing numerous long-stemmed, showy, daisy-like flowers in shades of orange and yellow, cream and white. **Pkt. 15 cts.; ⅛oz. 75 cts.**

GERANIUM (Gr.)

Well-known favorites in a mixture of large and fine varieties. Geraniums are easy to grow from seed. Start indoors and transplant to the open in May or June. Height, 1½ feet.

Mixed. **Pkt. 10 cts.; ⅛oz. 45 cts**

GERBERA (Transvaal Daisy)

New Giant Hybrids. T.P. Large, daisy-like flowers on long stems. Hardy if well mulched over winter with peat moss or some similar light material. A wide range of colors. Height, 15 inches. **Pkt. 25 cts.**

Geum Hybrids

GEUM (Avens)

Splendid, compact plants with showy flowers that bloom throughout the summer. Height, 1½ feet.

Lady Stratheden. H.P. Large; double; golden yellow. **Pkt. 10 cts.; ⅛oz. 60 cts.**

Mrs. Bradshaw. H.P. Large; double; orange-scarlet. **Pkt. 10 cts.; ⅛oz. 50 cts**

Hybrids, Mixed. H.P. A mixture of many shades. **Pkt. 10 cts.; ⅛oz. 30 cts.**

GLOBE AMARANTH
Gomphrena

Globosa, Mixed. A. Also known as Bachelor's Button. Plant grows about 2 feet high, with flowers that resemble clover-heads. Can be dried and used in winter bouquets. A mixture of all the colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

GYPSOPHILA (Baby's Breath)

Free-flowering annuals and perennials. Their mist-like flowers are largely used for mixing with other cut-flowers. The bushy plants are attractive border specimens.

Elegans alba grandiflora. A. Improved large-flowering type. Pure white. Several sowings should be made during the season. Height, 1½ feet. **Pkt. 10 cts.; oz. 25 cts.**

Elegans rosea. A. A delicate rose shade, equally as good for cutting as the white sort. **Pkt. 10 cts.; oz. 35 cts.**

Pacifica. H.P. Pink flowers coming into bloom after Paniculata. **Pkt. 15 cts.; ⅛oz. 75 cts.**

Paniculata. H.P. A hardy perennial that will bloom the first year if sown early. White flowers. Height, 3 feet. **Pkt. 10 cts.; ¼oz. 25 cts.**

Repens. H.P. A dwarf, white-flowered type, fine for rock-gardens. Blooms July and August. **Pkt. 10 cts.; ⅛oz. 35 cts.**

Repens rosea. H.P. Same as above but has pale rose flowers. **Pkt. 10 cts.; ⅛oz. 50 cts.**

GODETIA (Satin Flower) A.

A charming little annual that is very popular abroad. They do best in a cool, partially shady place, and bear showy azalea-like flowers of silky texture in many rich colors.

Dwarf, Mixed. **Pkt. 10 cts.; ¼oz. 25 cts.**
Tall, Mixed. **Pkt. 10 cts.; ¼oz. 25 cts.**

GOURDS (A.)

An interesting annual climber with ornamental foliage and curiously shaped fruit. Gourds are becoming very popular and some interesting types are listed here. **Calabash** or **Pipe, Dipper, Dish Cloth, Egg-shaped, Spoon, Chinese Water-Jug, Mixed.** **Each, pkt. 10 cts.; oz. 30 cts.**

HELENIUM (Sneezewort)

Hardy perennial bearing a profusion of bloom during late summer. The daisy-like flowers are in attractively subdued colors.

Hoopesi. H.P. Plants 2½ feet high, with yellow flowers. **Pkt. 10 cts.; ⅛oz. 50 cts.**

HELIANTHEMUM
Rock or Sun-Rose

Low-growing evergreen plant suitable for rock-gardens. Grows about 1 foot high, and is a mass of bloom during June and July.

Mutabile. H.P. A mixture of choice varieties. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Gypsophila elegans

HELIANTHUS (Sunflower)

Very desirable flowers for cutting, lasting from early summer until frost.

Dwarf Chrysanthemum-flowered. A. Large, rich golden yellow flowers about 2½ feet high. **Pkt. 10 cts.; ¼oz. 25 cts.**

Autumn Glory. H.P. Showy yellow flowers with black centers. Height, about 6 feet. **Pkt. 10 cts.; 1/16oz. 25 cts.**

Gigantic Russian. A. The giant-flowering type. **Oz. 10 cts.; ¼lb. 25 cts.**

HELICHRYSUM (Straw Flower)

The most popular of the Everlastings. A favorite dried cut-flower. Double flowers in pleasing shades.

Finest Mixed. A. All colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

HELIOPSIS

Lemoine. H.P. Double golden yellow flowers throughout the season. Height, 3 feet. **Pkt. 10 cts.; ¼oz. 40 cts.**

HELIOTROPE (Cherry Pie) T.P.

A delightfully fragrant tender perennial that is used as an annual bedding plant. Flowers during the entire season. Height, 1½ feet.

Mixed. A splendid assortment of colors. **Pkt. 10 cts.; ⅛oz. 40 cts.**

HESPERIS (Sweet Rocket)

Plants grow about 2½ feet high, bearing showy spikes of fragrant flowers, excellent for cutting.

Mixed. H.P. All colors. **Pkt. 10 cts.; ¼oz. 20 cts.**

HEUCHERA
Coral Bells; Alum-Root (H.P.)

A desirable plant of easy culture, with tufts of ivy-like foliage from which rise slender stems, 2½ feet high, leaving sprays of tiny, bell-like flowers during July and August.

Sanguinea. Coral-red. **Pkt. 25 cts.; ⅛oz. $1.50.**

HIBISCUS (Marsh Mallow)

Showy plants for shrubbery borders growing from 5 to 8 feet high, and covered with great flowers, 8 to 10 inches in diameter, from July to September.

Giant-flowering Pink. H.P. **Pkt. 10 cts.; ¼oz. 35 cts.**

Mixed. H.P. All colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

HOLLYHOCKS

One of the most stately of hardy plants, growing 5 to 7 feet high.

Chater's Double. H.P.

Maroon	**Scarlet**
Newport Pink	**White**
Orange	**Yellow**

Each, pkt. 10 cts.; ⅛oz. 35 cts.

Finest Mixed. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Chater's Single Mixed. H.P. Superb mixture of the single varieties. **Pkt. 10 cts.; ¼oz. 30 cts.**

HONESTY. See Lunaria, page 12

Heuchera sanguinea

HUMULUS (Japanese Hop)

Japonicus. A. A rapid-growing climber with luxuriant foliage, attaining a height of 20 to 30 feet. Insects and drought will not trouble it. Both flowers and hops are deliciously fragrant.
Pkt. 10 cts.; ¼oz. 25 cts.

HUNNEMANNIA

Sunlite. A. This new semi-double form of the Mexican Tulip Poppy produces a band of short petals on the outside rather than the inside of the cup, giving the appearance of being open at all times. The flowers are a bright canary-yellow and the foliage is light gray-green. Height, 2 feet.
Pkt. 15 cts.; ¼oz. 60 cts.

IPOMOEA

Moonflowers; Morning-Glories

Heavenly Blue, Improved. A. Beautiful flowers of deep blue. This strain has much less foliage than the old type and blooms several weeks earlier.
Pkt. 10 cts.; ¼oz. 45 cts.

Rose Marie. A. Early, free-flowering, double form of Ipomœa. Flowers a beautiful deep rose. **Pkt. 15 cts.; ¼oz. 45 cts.**

White Moonflower (*I. noctiflora*). A. Pure white flowers with a delicate fragrance.
Pkt. 10 cts.; ½oz. 30 cts.

Imperial Japanese Mixture (Morning-Glory). A. Flowers of gigantic size, with beautiful colorings. The best of all the Morning-Glories. **Pkt. 10 cts.; ½oz. 20 cts.**

KALANCHOE

Globulifera coccinea. A. An early spring-flowering pot-plant, producing dense panicles of vivid scarlet blooms. Recommended for greenhouses and conservatory cultivation because of its long blooming period.
50 seeds 25 cts.

KOCHIA

Summer Cypress; Mexican Firebush

Trichophylla. A. An easily grown annual that forms a perfect symmetrical bush of a bright green, which turns to a beautiful shade of crimson in the autumn. Height, 3 feet. **Pkt. 10 cts.; ¼oz. 20 cts.**

Double Hollyhocks

LARKSPUR

One of the finest of our summer-blooming annuals that will give a continuous succession of flowers from early July until frost. Sow the seed where it is to bloom.

Dwarf Emperor. A. A dwarf, compact type, ideal for border work. Height, 2 feet.

Ageratum Blue	**Soft Pink**
Bright Rose	**White**

Each, pkt. 10 cts.; ¼oz. 30 cts.

Mixed. **Pkt. 10 cts.; ¼oz. 25 cts.**

Giant Imperial. A. This type has superseded all other Larkspurs for florists' and general garden use. Large spikes of double flowers on stems 4 feet long. Upright and compact growing.

Blue Spire	**Gloria** (deep rose)
Lilac Spire	**Exquisite Pink**
White Spire	**Delicate Lavender**

Each, pkt. 15 cts.; ⅛oz. 30 cts.

COLLECTION: One pkt. each of above 6 varieties, 65 cts.

Finest Mixed. **Pkt. 15 cts.; ⅛oz. 25 cts.**

Double Tall Stock-flowered, Rosamond. See Novelties and Specialties, page 3.

Larkspur

LANTANA (T.P.)

Desirable tender bedding plants always in bloom. Verbena-like heads of many colored flowers, 2 to 3 feet high. Seed is slow germinating.

Finest Mixed. **Pkt. 10 cts.; ¼oz. 30 cts.**

LATHYRUS

Perennial Sweet Pea

Latifolius. Beautiful clusters of pea-like blossoms in delicate colors are borne continuously during the summer on a low climbing vine.

White, Red, and **Pink.**
Pkt. 10 cts.; ¼oz. 30 cts.

Finest Mixed. **Pkt. 10 cts.; ¼oz. 25 cts.**

LAVANDULA (Lavender)

Vera. P. An old-fashioned, sweet-scented herb prominent in all old gardens. The flower-heads are dried for their delightful fragrance. Height, 1½ feet.
Pkt. 10 cts.; ¼oz. 40 cts.

Lantana

LEPTOSYNE

Stillmani. A. Cosmos-like, golden yellow flowers five weeks after sowing. Height, 1½ feet. **Pkt. 10 cts.; ¼oz. 35 cts.**

LIATRIS

Blazing Star; Gay Feather

Spicata. H.P. Rosy purple flowers on long spikes from July to September. The flower spikes reverse the usual order and begin to open from the top. Height, 3 to 4 feet.
Pkt. 10 cts.; ⅛oz. 60 cts.

LILIUM (Lily)

Regale (Regal Lily). H.P. Huge, exotic white flowers suffused pink and canary-yellow toward the center; jasmine-like fragrance. They require the same treatment as other hardy perennials, and bloom in two years from seed. Blooms in June. Height, 3 to 4 feet. **Pkt. 15 cts.; ⅛oz. 35 cts.**

LINARIA

Miniature Snapdragon

Maroccana, Fairy Bouquet. A. Very compact plants, 8 to 10 inches tall with blooms in rose, yellow, pink, lavender, carmine-red, violet, white and salmon shades. Fine for border or rock-garden.
Pkt. 15 cts.; ⅛oz. 50 cts.

LINUM (Flax)

Grandiflorum rubrum. A. A very showy bedding plant with large brilliant scarlet flowers all summer. Height, 15 inches.
Pkt. 10 cts.; ¼oz. 25 cts.

Perenne, Blue. H.P. Bright blue flowers all summer. The Blue Flax is one of the most satisfactory perennials. Height, 1½ feet.
Pkt. 10 cts.; ¼oz. 20 cts.

LOBELIA

Cardinalis. H.P. A hardy variety bearing a profusion of tall spikes covered with brilliant scarlet flowers on plants 3 feet high. Blooms from early August to late September. Prefers moist locations.
Pkt. 25 cts.; $\frac{1}{16}$oz. 50 cts.

Crystal Palace Compacta. A. Rich deep blue flowers on compact little plants with dark foliage. A perfect edging plant. Height, 4 inches. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Gracilis, Mixed. A. A trailing type in several colors. **Pkt. 10 cts.; ⅛oz. 35 cts.**

Lupinus polyphyllus

Marigold, Guinea Gold

Mignonette, Allen's Defiance

LUNARIA

Honesty; Money-Plant

Annua. B. Silvery seed-pouches used for house ornaments and winter bouquets. Height, 2 feet. **Pkt. 10 cts.; ¼oz. 30 cts.**

LUPINUS (Lupine)

Hartwegi. A. Easily grown, free-flowering annuals, with graceful spikes of pea-shaped flowers. Plants grow 2 feet high and bloom throughout summer and fall. Plant in light shade.

Dark Blue	**Sky-Blue**
Rose	**White**
	Mixed

Each, pkt. 10 cts.; ½oz. 25 cts.

Polyphyllus. H.P. Bloom during May and June and succeed best in a rich soil, partly shaded. These do not transplant well; sow seed where they are to flower. Height, 3 feet.

Blue	**Yellow**
Rose	**Mixed**

Each, pkt. 10 cts.; ¼oz. 35 cts.

MARIGOLDS

The African and French Marigolds are old favorites of easy culture. The African types grow about 2½ feet high, with large flowers; the French, about 1 foot with small flowers.

Double African Varieties

Orange, All Double. A. Produces a perfectly double bloom of deep golden orange. **Pkt. 10 cts.; ¼oz. 60 cts.**

Lemon, All Double. Same as above, except the color, which is a clear yellow. **Pkt. 10 cts.; ¼oz. 60 cts.**

Double, Mixed. Yellow and orange shades. **Pkt. 10 cts.; ¼oz. 25 cts.**

Dixie Sunshine. See Novelties and Specialties, page 3.

Mexican Dwarf Orange. A. Semi-dwarf in habit, freely branched, and heavily laden with quantities of its unique, semi-tubular bright orange flowers. **Pkt. 15 cts.; ⅛oz. 45 cts.**

Guinea Gold. (African.) A. Compact, pyramidal plant, 2½ feet high, covered with brilliant golden orange, ruffled flowers, excellent for cutting. **Pkt. 10 cts.; ¼oz. 40 cts.**

Crown of Gold. See Novelties and Specialties, page 3.

Gigantea, Sunset Giants. See Novelties and Specialties, page 3.

Dwarf French Varieties

Legion of Honor (Little Brownie). A. A single-flowering type forming compact bushes 9 inches high. The flowers are golden yellow, with a blotch of dark crimson on each petal. They begin to flower in June and continue until frost. **Pkt. 10 cts.; ¼oz. 25 cts.**

Single Mixed. A. A select mixture of all the single varieties. **Pkt. 10 cts.; ¼oz. 25 cts.**

Double Mixed. A. A select mixture of all the double varieties. **Pkt. 10 cts.; ¼oz. 25 cts.**

Fire Cross. A. Single deep orange flowers spotted with red. Plant grows about 1 foot high. Excellent for edging a border. **Pkt. 10 cts.; ¼oz. 25 cts.**

Robert Beist. A. Plant grows 1 foot high and is literally covered with double, dark maroon flowers the entire summer. **Pkt. 10 cts.; ¼oz. 30 cts.**

MINIATURE MARIGOLD. See Tagetes.

MATRICARIA

Capensis albo-pleno (Double White Feverfew). A. Quantities of nice, double white flowers. For bedding or pots. Height, 1½ feet. **Pkt. 10 cts.; ¼oz. 40 cts.**

Golden Ball. A. Compact bushes covered with button-like, very double flowers of bright yellow. Height, 8 inches. **Pkt. 10 cts.; ⅛oz. 40 cts.**

MATTHIOLA

Evening Scented Stock

Bicornis. A. An old-fashioned favorite grown for the entrancing fragrance which it emits during the evening. Height, 1½ feet. **Pkt. 10 cts.; ¼oz. 20 cts.**

MESEMBRYANTHEMUM

Crystallinum (Ice Plant). A. Dwarf, trailing annual plants. Flowers pink. Admired because the leaves appear as if frosted with ice. **Pkt. 10 cts.; ¼oz. 25 cts.**

MIGNONETTE (Reseda)

An easily grown annual with a distinct fragrance. Sow where it is to bloom. Height, 1½ feet.

Allen's Defiance. A. A deliciously fragrant sort bearing immense spikes of large flowers. **Pkt. 10 cts.; ¼oz. 25 cts.**

Mixed. A. A select mixture of the large-flowering varieties. **Pkt. 10 cts.; ¼oz. 25 cts.**

MOMORDICA

An attractive climbing vine with curious and ornamental fruits.

Balsamina (Balsam Apple). A. Apple-shaped, orange-colored fruits. Height, 10 feet. **Pkt. 10 cts.; ¼oz. 25 cts.**

Charantia (Balsam Pear). A. Pear-shaped, coppery scarlet fruits. Height, 10 feet. **Pkt. 10 cts.; ¼oz. 25 cts.**

MYOSOTIS (Forget-me-not)

One of the most admired of our spring flowers. Very effective when grown in masses.

Alpestris, Blue. H.P. Rich blue flowers borne profusely on plants 9 inches high. Blooms in April. **Pkt. 10 cts.; ¼oz. 40 cts.**

Alpestris, Pink. H.P. The pink form of the above. **Pkt. 10 cts.; ¼oz. 60 cts.**

Alpestris, Mixed. H.P. A mixture of blue, rose, and white. **Pkt. 10 cts.; ¼oz. 30 cts.**

Palustris semperflorens. H.P. Large clear blue flowers from May until fall. Likes a moist situation. **Pkt. 15 cts.; ⅛oz. 50 cts.**

NEMESIA

A beautiful annual with orchid-like flowers, easy to grow and blooms over a long period.

Blue Gem. A. A splendid variety, 8 inches high. Myosotis blue. **Pkt. 15 cts.; ⅛oz. $1.**

Triumph, Mixed. A. Finest mixture of all the colors. **Pkt. 10 cts.; ⅛oz. 75 cts.**

NICOTIANA

Flowering Tobacco

Affinis, White. A. Pure white, delicately perfumed, blooming all season on plants 3 feet high. So fragrant that a few plants will perfume the garden. **Pkt. 10 cts.; ¼oz. 25 cts.**

Sanderæ, Crimson King. A. Dark velvety crimson-red flowers. **Pkt. 10 cts.; ¼oz. 30 cts.**

ALL FLOWER SEEDS SENT POSTPAID

NASTURTIUM

Nothing excels these for ease of culture, duration of bloom, and brilliancy of coloring. A great profusion of gorgeous blossoms within a few weeks from the time they are sown until frost. Do best in poor soil.

Dwarf, Mixed. A. A mixture of the large-flowering dwarf varieties.
Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.

Tall, Mixed. A. A mixture of the large-flowering climbing varieties.
Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.

Dwarf, Ivy-leaved. A. Dark green, ivy-like foliage in many colors.
Pkt. 10 cts.; oz. 20 cts.

Double Golden Gleam. A. Still maintaining its position as one of the most popular novelties of the past three seasons. The large, double, sweet-scented, golden yellow flowers on long stems, are borne profusely on the semi-dwarf plants.
Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Double Scarlet Gleam. See Novelties and Specialties, page 3.

Double Gleam Hybrids. See Novelties and Specialties, page 3.

Dwarf Double Golden Globe. See Novelties and Specialties, page 3.

New Double Orange Gleam. A. The finest Gleam Nasturtium since Golden Gleam was introduced. Flowers are very large, uniformly double, borne on long, wiry stems, while the color is entirely new in the Nasturtium family—a deep glowing golden orange with a deeper shading at the center. Plants are semi-dwarf.
Pkt. 15 cts.; ¼oz. 35 cts.

Dwarf Double Gem Mixture. A. This mixture comprises an evenly balanced range of cheerful colors on dwarf, compact, gem-like plants and is the ideal annual for border and edging use.
Pkt. 15 cts.; ¼oz. 50 cts.

NIGELLA (Love-in-a-Mist)

A hardy, quick-blooming, old-fashioned annual, with curious double flowers.

Miss Jekyll. A. Cornflower-blue blossoms, splendid for cutting. Height, 1½ feet.
Pkt. 10 cts.; ¼oz. 20 cts.

OENOTHERA

Evening Primrose

Lamarckiana. H.P. Enormous yellow flowers from July to October. Height, 3 feet.
Pkt. 10 cts.; ¼oz. 25 cts.

PANSIES

G. & T. Co.'s Select Giants (B.)

Seed may be sown in April and again in July and August. Do not allow seed to dry out; plant out in a rich deep soil enriched with well-rotted cow-manure. If plants from summer-sown seed are protected over the winter, they will bloom the following April.

ROGGLI'S SWISS GIANTS. B. These are remarkable Pansies of a most robust habit. The extra-large flowers come on long stems, and are particularly good for cutting.

Berna. Rich velvety dark blue.
Pkt. 25 cts.; 1/16oz. $1.

Cardinal. Garnet-red.
Pkt. 25 cts.; 1/16oz. $1.

Rheingold. Golden yellow, mahogany center. **Pkt. 25 cts.; 1/16oz. $1.**

California Giants, Mixed. Giant flowers in a fine range of colors. **Pkt. 15 cts.; ⅛oz. $1.**

Roggli's Finest Mixed. A choice mixture of all the colors. **Pkt. 25 cts.; 1/16oz. 75 cts.**

Trimardeau, Mixed. A splendid bedding type bearing a great quantity of large blooms in every color.
Pkt. 10 cts.; ¼oz. 60 cts.

PASSION FLOWER (Passiflora)

A beautiful, rapid-growing climber, easily grown from seed. Flowers of curious design.

Mixed. T.P. Blue and White.
Pkt. 10 cts.; ¼oz. 60 cts.

PENTSTEMON (Beard-Tongue)

Sensation Improved, Mixed. H.P. Fine bedding plant about 2½ feet high, bearing spikes of gloxinia-like flowers in bright colors. **Pkt. 15 cts.; ⅛oz. 75 cts.**

PHLOX DRUMMONDI

One of the most brilliant and satisfactory bedding plants we have. Fine heads of beautifully tinted flowers are produced over a long season. Easily grown from seed.

Large-flowering Tall Varieties. A. Height, 15 inches. **Rose, Scarlet, White.**
Each, pkt. 10 cts.; ⅛oz. 35 cts.
Mixed. **Pkt. 10 cts.; ⅛oz. 30 cts.**

Large-flowering Dwarf, Mixed. A. Plants of this variety grow about 8 inches high.
Pkt. 10 cts.; ⅛oz. 60 cts.

Phlox Drummondi gigantea, Art Shades. See page 3.

HARDY PHLOX, Decussata. H.P. Finest mixture of the newest varieties.
Pkt. 15 cts.; ⅛oz. 55 cts.

PHYSALIS (Chinese Lantern)

Francheti. H.P. An ornamental plant about 2 feet high, producing bright orange-scarlet, lantern-like fruits, which can be cut, dried, and used for winter decorations.
Pkt. 10 cts.; ¼oz. 35 cts.

PHYSOSTEGIA

False Dragonhead

Virginica. H.P. One of the prettiest hardy perennials, growing 3 to 4 feet high and bearing, during late summer and fall, spikes of delicate pink, tubular flowers.
Pkt. 10 cts.; ⅛oz. 45 cts.

PLATYCODON

Balloon Flower

An outstanding perennial, producing lovely balloon-shaped flowers opening to broad bells from July to October.

Grandiflorum. H.P. Large; steel-blue. Height, 2½ feet. **Pkt. 10 cts.; ¼oz. 45 cts.**

Grandiflorum mariesi. H.P. Large, open, bell-shaped flowers of a rich violet-blue. Height, 15 inches. **Pkt. 15 cts.; ⅛oz. 75 cts.**

POLEMONIUM

Jacob's Ladder (H.P.)

Cæruleum. H.P. Spikes of bell-shaped blue flowers borne profusely in May and June. Plant this for the bees. Height, 2 feet.
Pkt. 10 cts.; ¼oz. 25 cts.

PRIMULA (Primrose) H.P.

Plant these in a partially shaded location where they will have a fair amount of moisture.

Japonica (Japanese Primrose). Mixed colors. Height, 1½ feet. **Pkt. 15 cts.**

Kewensis. The flowers are bright yellow and fragrant. **Pkt. 25 cts.**

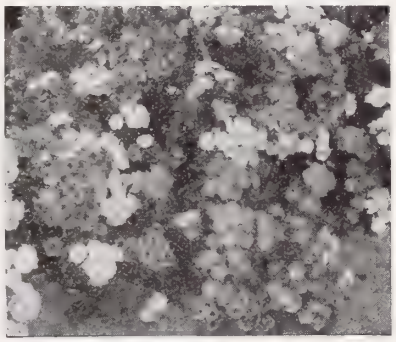
Malacoides (Giant Baby Primrose). A popular pot-plant for winter and spring blooming. Branching habit. Light lilac.
Pkt. 25 cts.

Malacoides, Choice Mixed. **Pkt. 25 cts.**

Veris (English Cowslip). Mixed colors. Height, 6 to 9 inches. **Pkt. 15 cts.**

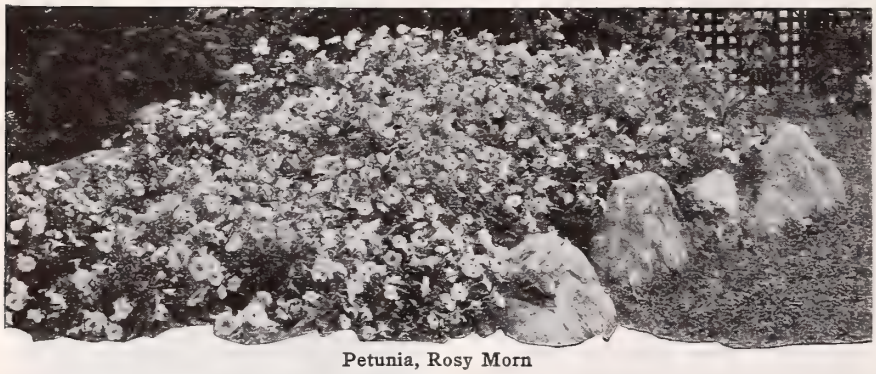
Vulgaris (English Primrose). Canary-yellow. Height, 6 inches. **Pkt. 15 cts.**

Nasturtium, Double Golden Gleam



Phlox Drummondi

Pansies



Petunia, Rosy Morn

Petunias

Petunias cannot be equaled for beds, porch-boxes, or window-boxes. They start flowering early and continue throughout the season. There has been a wonderful improvement in Petunias lately. The color-range has been extended as well as the size and shape of the flowers.

BALCONY TYPE. A. A splendid large- and free-flowering variety for window-boxes, hanging-baskets, etc. Plants are of a spreading habit.

Deep Blue	**White**
Crimson	**Mixed**
Rose	

Each, pkt. 15 cts.; $\frac{1}{16}$oz. 50 cts.

HYBRIDA NANA ERECTA

Cockatoo (Dwarf Petunia). A. Grows only 3 inches high and is covered with a mass of violet-purple flowers having white spots and stars. **Pkt. 15 cts.; $\frac{1}{16}$oz. 50 cts.**

Dwarf Giants of California Mixture. A. A superb strain of dwarf, compact, single Petunias with giant ruffled flowers that have extra-large, veined throats. A well-balanced mixture of colors. **Pkt. 25 cts.**

Rose of Heaven. A. Rich brilliant rose. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Rosy Morn. A. Soft rose-pink. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Finest Mixed. A. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Petunias

HYBRIDA

Blue Bee. A. Deep violet-blue. **Pkt. 10 cts.; ⅛oz. 45 cs.**

Flaming Velvet. A. *New.* See Novelties and Specialties, page 3.

Howard's Star. A. Reddish purple, with white star in center. **Pkt. 10 cts.; ⅛oz. 45 cts.**

Striped and Blotched, Mixed. A. **Pkt. 10 cts.; ⅛oz. 45 cts.**

Extra-Fine Mixed. A. A special mixture of many fine varieties, striped and blotched. Fine for bedding. **Pkt. 10 cts.; ⅛oz. 35 cts.**

NANA COMPACTA

A new strain of miniature Petunias forming a perfect compact plant.

Martha Washington (Ruffled Dwarf Petunia). A. *New.* Dwarf-growing, compact type about 9 inches tall, covered with delicately ruffled, medium-sized flowers. The color itself is an interesting combination—blush-pink at the edges, deepening to dark violet in the throat, with heavy veining. **Pkt. 25 cts.**

Finest Mixed. A. Well-balanced color-range. **Pkt. 15 cts.; ⅛oz. 75 cts.**

SINGLE FRINGED TYPE

Fluffy Ruffles. A. Mixture of light and dark shades, finely fringed and ruffled. **Pkt. 25 cts.**

Grandiflora, Dainty Lady. A. *New.* See Novelties and Specialties, page 3.

Grandiflora, Theodosia. A. Large, fringed, rose-pink blooms with clear golden yellow centers, beautifully veined. **Pkt. 20 cts.**

Grandiflora, Royal Purple. A. Large, single, fringed flowers of rich purple. An excellent variety. **Pkt. 25 cts.**

Double Fringed, Mixed. A. A splendid mixture that will produce a large percentage of giant double flowers in many bright colors. When planting out save the weaker seedlings, as these usually produce the best double flowers. **Pkt. 35 cts.; 3 pkts. $1.**

PORTULACA

Sun Plant; Mexican Rose (A.)

A gay annual of easy culture, thriving best in an exposed sunny location. Brilliant flowers produced throughout the summer in great profusion. Do not sow until warm weather. Height, 6 inches.

Single, Mixed. **Pkt. 10 cts.; ¼oz. 25 cts.**
Double, Mixed. **Pkt. 10 cts.; ¼oz. 60 cts.**

POPPIES (Papaver)

Annual Poppies should be sown as early as possible in the spring where they are to flower, as they do not transplant well. Thin out plants to stand 3 to 4 inches apart, and keep the old blossoms cut.

SINGLE SHIRLEY

American Legion. A. Enormous flowers of dazzling orange-scarlet on long stems. **Pkt. 10 cts.; ¼oz. 30 cts.**

Apricot. A. Deep apricot. **Pkt. 10 cts.; ¼oz. 25 cts.**

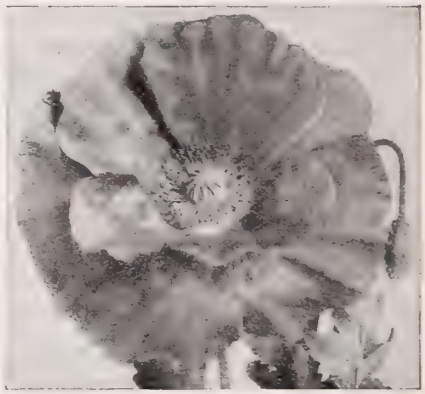
Picotee. A. White, edged scarlet. **Pkt. 10 cts.; ¼oz. 25 cts.**

Wild Rose. A. Soft wild-rose-pink. **Pkt. 10 cts.; ¼oz. 25 cts.**

Finest Mixed. A. A wide range of colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

Double Shirley, Mixed. A. *New.* Semi-double type in a wide range of colors. Blooms continuously throughout spring and summer. **Pkt. 10 cts.; ¼oz. 25 cts.**

Flanders. A. Dwarf. Orange-scarlet with black cross. **Pkt. 10 cts.; ¼oz. 25 cts.**



Poppy, Shirley

ICELAND (*P. nudicaule*). Hardy perennials that will flower the first year from seed, bearing graceful spikes of brilliant flowers in endless profusion. Height, 15 inches.

Nudicaule, The Emperor. H.P. Large, fluted flowers of deep tangerine-orange. Strong, straight stems, 18 to 20 inches long. **Pkt. 25 cts.; $\frac{1}{16}$oz. 75 cts.**

Nudicaule, The Empress. H.P. Large, fluted flowers with broad overlapping petals of salmon-rose and pink. **Pkt. 25 cts.; $\frac{1}{16}$oz. 75 cts.**

Yellow Wonder. See Novelties and Specialties, page 3.

Single Yellow. H.P. **Pkt. 10 cts.; ¼oz. 50 cts.**

Double Mixed. H.P. **Pkt. 15 cts.; ⅛oz. 50 cts.**

ORIENTAL (*P. orientale*). Sow seed early in spring. The resulting plants will disappear in July and August, appearing again as the weather gets cool. Transplant then to their permanent quarters.

Mrs. Perry. H.P. Large flowers of a rich shade of apricot or salmon-pink. **Pkt. 10 cts.; ⅛oz. 75 cts.**

Princess Victoria Louise. H.P. A lovely shade of orange-salmon. Very fine. **Pkt. 10 cts.; $\frac{1}{16}$oz. 40 cts.**

Scarlet. H.P. Magnificent flowers of brilliant scarlet. **Pkt. 10 cts.; ¼oz. 45 cts.**

Mixed. H.P. A select mixture of the named sorts. **Pkt. 10 cts.; ¼oz. 50 cts.**

ALPINE POPPIES. H.P. Miniatures excellent for rock-gardens, with blooms of marvelous colors. **Pkt. 25 cts.**

PUERARIA (Kudzu Vine)

Thunbergiana. H.P. The fastest growing, hardy climbing plant. It will grow 8 to 10 feet the first year, and after it has become established, 50 feet in a season is not unusual. The foliage is large and bears rosy purple pea-shaped blossoms in late August. **Pkt. 10 cts.; ¼oz. 20 cts.**

PYRETHRUM (Painted Daisies)

Large daisy-like flowers on 2-foot stems. Exceptionally fine for cutting.

Single and Double, Mixed. H.P. **Pkt. 25 cts.; ⅛oz. 75 cts.**

G. & T. CO.'S ROCK-GARDEN MIXTURE. A mixture of dwarf annual and perennial seeds that are suitable for rock-gardens. A quick and inexpensive method of seeding your rock-garden. **Pkt. 10c.; large pkt. 25c.; 5 large pkts. $1.**

RUDBECKIA (Coneflower)

My Joy (Black-eyed Susan). *New.* A. A marvelous, giant-flowered annual Rudbeckia with golden yellow blooms having black cones in center. Profuse bloomer all summer and fall. **Pkt. 10 cts.; ¼oz. 60 cts.**

Purpurea (Giant Purple Coneflower). H.P. Large, reddish purple flowers with purple-black centers. Blooms all summer. **Pkt. 10 cts.; ¼oz. 45 cts.**

SALPIGLOSSIS

Painted Tongue (A.)

A beautiful annual in a most unusual range of colors. They produce freely, from midsummer until frost, their orchid-like flowers on plants 2½ feet high.

Brown and Gold	**Purple and Gold**
Crimson and Gold	**Rose and Gold**
Light Blue and Gold	**Violet and Gold**

Each, pkt. 10 cts.; ¼oz. 50 cts.

Mixed. **Pkt. 10 cts.; ¼oz. 40 cts.**

SCARLET RUNNER BEANS (A.)

An ornamental climber bearing large sprays of bright scarlet blossoms followed by edible beans of excellent flavor. Rich green foliage. Height, 12 to 15 feet. **Pkt. 10 cts.; oz. 20 cts.**

Salpiglossis

SALVIA (Scarlet Sage)

Start the seed indoors in March and April, and set out when weather is settled.

Bonfire. A. Compact bushes about 2 feet high, with brilliant scarlet flower-spikes. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Harbinger. A. A dwarf, large-flowering variety which starts blooming in July and continues until frost. It makes beautiful symmetrical plants about 15 inches high covered with sprays of brilliant scarlet flowers. **Pkt. 15 cts.; ⅛oz. $1.**

Farinacea. H.P. Fine light blue flowers, borne on long spikes. Plants grow from 2 to 3 feet high, and will bloom the first year from seed. **Pkt. 10 cts.; ⅛oz. 60 cts.**

SCABIOSA

Mourning Bride; Pin-Cushion Flower

The annual type grows quickly from seed and is superb for cutting. It grows 2½ feet high, and blooms from July until frost.

Large-flowered Tall Double Annual Varieties

Azure Fairy. Clear lavender-blue. **Pkt. 10 cts.; ¼oz. 30 cts.**

Crimson. Rich crimson. **Pkt. 10 cts.; ¼oz. 30 cts.**

Fiery Scarlet. Very double flowers in a brilliant shade of scarlet. Height, 1½ feet. **Pkt. 10 cts.; ¼oz. 30 cts.**

Flesh-Pink. Delicate pink. **Pkt. 10 cts.; ¼oz. 30 cts.**

King of the Blacks. Reddish black. **Pkt. 10 cts.; ¼oz. 30 cts.**

Loveliness. Flowers in various tones of delicate salmon-rose shades, with delightful fragrance, borne on long, stiff stems. The most beautiful Scabiosa ever introduced. **Pkt. 10 cts.; ¼oz. 30 cts.**

Peach Blossom. Blooms a lovely shade of pink, borne on long stems, excellent for cutting. **Pkt. 10 cts.; ¼oz. 30 cts.**

Rosette. Beautiful shade of deep rose heavily suffused with salmon. Flowers large, with long stiff stems. **Pkt. 25 cts.**

Shasta. Large white blooms 3 to 4 inches in diameter. **Pkt. 10 cts.; ¼oz. 30 cts.**

Yellow. Sulphur-yellow. **Pkt. 10 cts.; ¼oz. 30 cts.**

Giant-flowered Hybrids, Mixed. All colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

Perennial Varieties

Fine border plants, very easy to grow.

Caucasica alba. H.P. A pure white variety, fine for cutting. Height, 3 feet. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Giant Hybrids (Isaac House Strain). See Novelties and Specialties, page 3.

Japonica. H.P. A Japanese variety, bearing a profusion of long-stemmed, lavender-blue flowers all summer. Height, 2½ feet. **Pkt. 10 cts.; ¼oz. 35 cts.**

SCHIZANTHUS

Butterfly Flower

Grandiflora Hybrids. A. One of the greatest and finest annuals. Bright, showy, butterfly-like blooms, splendid for corsages.

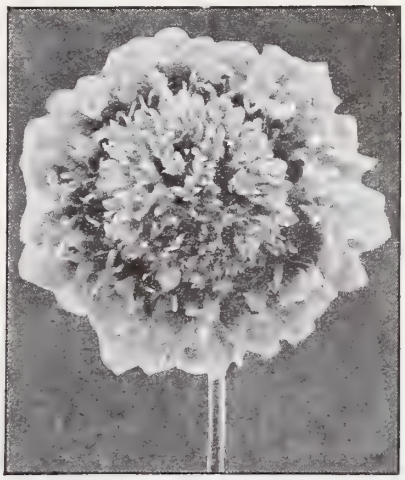
Purple Shades. Purple and very dark blues. **Pkt. 25 cts.**

Sunset Hybrids. Bright red and carmine shades, with delicate gold markings. **Pkt. 25 cts.**

SEDUM (Stonecrop) H.P.

Splendid for rock-gardens and rock walls.

Mixed. **Pkt. 25 cts.**



Scabiosa, Peach Blossom

SOLANUM (H.P.)

Capsicastrum (Jerusalem Cherry). Beautiful dwarf pot-plant. A profusion of scarlet, globular berries. Height, 1 foot. **Pkt. 15 cts.**

STATICE (Sea Lavender)

Used in combination with other Everlastings in winter bouquets.

Latifolia. H.P. Purplish blue flowers, borne profusely on plants 2½ feet high. **Pkt. 10 cts.; ⅛oz. 40 cts.**

Sinuata. A. A choice mixture of all colors. **Pkt. 10 cts.; ⅛oz. 25 cts.**

Suworowi (Russian Statice). A. Long spikes closely set with bright rose blooms. Height, 1½ feet. **Pkt. 10 cts.; ¼oz. 25 cts.**

STEVIA

Serrata. T.P. Free-blooming plants for summer or winter use, bearing a profusion of fragrant white flowers that are excellent for cutting. Height, 2 feet. **Pkt. 15 cts.**

STOCKS (Gilliflower) A.

One of the oldest and best-loved garden flowers, being unsurpassed for brilliance of color, fragrance, and profusion of bloom.

Double Giant Imperial (Improved Bismarck). A. Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. Very early blooming.

	Blood-Red
Antique Copper	**Elk's Pride**
Buttercup	**Shasta**
Chamois-Rose	**Mixed**

Each, pkt. 25 cts.; ⅛oz. 75 cts.

Giant Long-stemmed Champion Column. Immense, fully double, close-spaced flowers. This strictly non-branching strain is very much in demand by florists.

Deep Rose.	**Lavender.** Silvery lilac.
Illusion. Scarlet.	
Moonlight. Yellow.	**Ball's White.**
Ruby-Red.	**Mixed.**

Each, pkt. 25 cts.

Large-flowering Dwarf, Ten-Weeks Stocks. A dwarf, compact sort coming into flower quicker than the other types. Height, 12 to 15 inches.

Azure-Blue	**Deep Rose**
Canary-Yellow	**Flesh-Pink**
Crimson	**Lavender**

Each, pkt. 10 cts.; ⅛oz. 50 cts.

Mixed. **Pkt. 10 cts.; ⅛oz. 45 cts.**

Spencer Sweet Pea

STOKESIA (Cornflower Aster)

A hardy perennial about 2 feet high bearing large, aster-like flowers from July till frost.

Cyanea. H.P. Lavender-blue.
Pkt. 10 cts.; ⅛oz. 40 cts.

Mixed. H.P. Blue and White.
Pkt. 10 cts.; ⅛oz. 40 cts.

SWEET PEAS (A.)

CULTURE. Work soil at least 18 inches deep, and use liberal amount of well-rotted cow-manure. Plant seed about 1 inch deep and 3 inches apart. Later, thin out the plants to 6 to 8 inches apart. Do not water the seed until they have germinated and then give a good soaking.

Summer-flowering Spencer

Ascot. Pale pink.
Austin Frederick Imp. Rosy lavender.
Avalanche. Pure white.
Barbara. Soft salmon-pink.
Floradale Purple. Deep purple.
Matchless. Deep cream.
Ruffled Rose. Soft rich rose, ruffled.
Shirley Temple. See Novelties and Specialties, page 3. Pkt. 25 cts.
Sunset. Bright carmine-rose.
The Admiral. Violet-blue.
Welcome. Dazzling scarlet.

Each, except where noted, pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

Superb Mixed. Containing a fine selection of the largest and most attractive named Spencer varieties.
Pkt. 10c; oz. 20c; ¼lb. 60c; lb. $1.75.

G. & T. Co.'s Fine Mixed. A fine mixture of the newest colors and shades.
Pkt. 10c; oz. 15c; ¼lb. 30c; lb. 90c.

Cupid, Dwarf Mixed. Grows about 6 inches high and blooms all summer. All colors.
Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

New Early or Winter-flowering Spencer Sweet Peas

American Beauty. Glowing crimson.
Ball's Orange. Rich orange.
Blue Bonnet. Best clear blue.
Glitters. Brilliant cerise.
Grenadier. Intense brilliant poppy-scarlet.
Harmony. Clear lavender.
Jeanne Mamitsch. Bright rich pink.
Lavender King. Deep lavender.
Mrs. Herbert Hoover. Clear blue.
White Harmony. (Black-seeded.) White.
Zvolanek's Rose. Bright rose-pink.

Each, pkt. 15 cts.

HARDY SWEET PEA. See Lathyrus.

SWEET WILLIAM

Dianthus barbatus (B.)

A well-known, attractive free-flowering biennial which should be in every garden. Height, 1½ feet.

Single Newport Pink.
Pkt. 15 cts.; ¼oz. 50 cts.

Single Dark Crimson.
Pkt. 10 cts.; ¼oz. 25 cts.

Single, Finest Mixed.
Pkt. 10 cts.; ¼oz. 25 cts.

Double, Finest Mixed.
Pkt. 10 cts.; ¼oz. 30 cts.

TAGETES (Miniature Marigold)

Signata pumila. A. A dwarf, compact Marigold with fern-like foliage, covered with bright yellow blooms all season. Makes a nice edging. Height, 9 inches.
Pkt. 10 cts.; ¼oz. 40 cts.

THUNBERGIA (A.)

A rapid-growing climber used extensively in hanging-baskets, on low fences, etc. Flowers in shades of buff, white, and orange, with dark eyes. Height, 4 feet.

Alata, Finest Mixed (Black-eyed Susan).
Pkt. 10 cts.; ¼oz. 30 cts.

TORENIA

Fournieri (Wishbone Flower). A. A splendid annual for hanging-baskets, vases, and borders. Covered the entire season with sky-blue flowers having bright yellow centers. Pkt. 10 cts.; ⅛oz. 65 cts.

TRITOMA

Red-Hot Poker; Torch Lily

Hybrida. H.P. Easily grown from seed, many flowering the first year if sown early. Very showy, ranging in color from pale yellow to deep orange. Blooms from August to October. Height, 3 to 4 feet.
Pkt. 10 cts.; ⅛oz. 35 cts.

TROLLIUS (Globe Flower)

Europæus. H.P. Golden yellow flowers, like huge buttercups. In bloom from May to August. They prefer a well-drained, partly shady position. Height, 2 feet.
Pkt. 25 cts.

TUNICA

Saxifraga. H.P. A grass-like plant with small, pale pink flowers on wiry stems.
Pkt. 10 cts.; ¼oz. 30 cts.

URSINIA (Jewels of the Veldt)

Anethoides. A. Brilliant orange, daisy-like flowers, with deep purple centers. Grows about 10 inches high and is very easily raised from seed. Pkt. 15 cts.; ⅛oz. 60 cts.

VALERIANA (Garden Heliotrope)

Hardy perennial 2½ feet high, with panicles of flowers having the odor of heliotrope.

Pink or **White.** H.P.
Each, pkt. 10 cts.; ¼oz. 35 cts.

VENIDIUM

Fastuosum. A. A new South African Annual. Rich, orange-colored, daisy-like flowers having a black blotch at the base of each petal. Pkt. 20 cts.; 1/16oz. 60 cts.

VERBENAS

A brilliant free-flowering annual in bloom from July till frost. Low, spreading plants which root wherever the stems touch the soil.

Mammoth-flowering Varieties. A.

Blue Shades	**Scarlet**
Golden Yellow	**White**
Pink	

Each, pkt. 10 cts.; ⅛oz. 35 cts.

COLLECTION: One pkt. each of the above 5 colors, 40 cts.

Mixed. Pkt. 10 cts.; ⅛oz. 25 cts.

New Dwarf Compact Varieties

A. Plants grow only about 6 inches high and are literally covered with blooms. Fine for rock-gardens and borders.

Scarlet	**Ruby-Red**
Dark Blue	**Pure White**
Salmon-Rose	

Each, pkt. 15 cts.; ⅛oz. 60 cts.

COLLECTION: One pkt. each of above 5 colors, 60 cts.

Finest Mixed. Pkt. 15 cts.; ⅛oz. 55 cts.

Venosa (Hardy Verbena). H.P. Plants grow 1 foot high and bear bright purple flowers all summer. Pkt. 10 cts.; ¼oz. 50 cts.

Venosa lilacina. *New.* H.P. A lilac-colored form of the above. Pkt. 25 cts.

VINCA (Periwinkle; Old Maid)

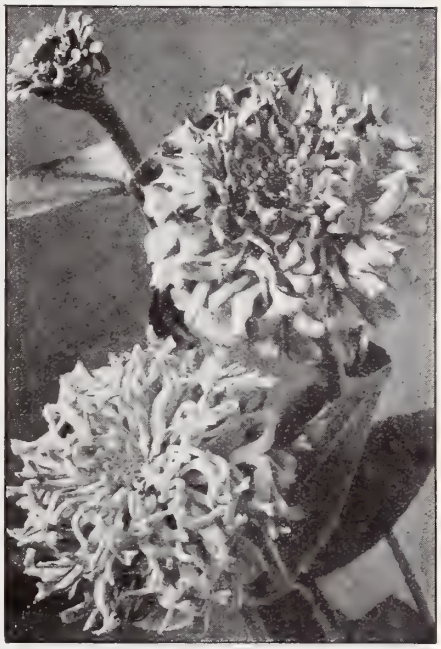
Free-blooming annual bedding plant with shiny, bright green foliage. Height, 12 to 15 inches.

White or **Rose.** A.
Each, pkt. 10 cts.; ¼oz. 50 cts.

Verbena

Pompon Zinnias

Zinnias



Zinnia, Fantasy

ZINNIAS (Youth and Old Age)

Showy plants bearing a profusion of brilliant-colored flowers throughout the season. One of our most popular annuals, succeeding with everyone.

Giant Double Dahlia-flowered

Plants grow 2 to 3 feet high, bearing huge, fully double flowers, which resemble the dahlia.

***Canary Bird.** Rich canary-yellow.
***Crimson Monarch.** Deep crimson.
***Dream.** Deep lavender.
***Exquisite.** Light rose with deep rose center.
***Golden State.** Yellow-orange, turning to orange.
***Old Rose.** True old-rose shade.
Oriole. A bicolor flower of orange and gold.
Polar Bear. Pure white.
Scarlet Flame. Brilliant scarlet.

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of above 6 varieties marked * 50 cts.

Finest Mixed. A select mixture of all colors. **Pkt. 10 cts.; ¼oz. 35 cts.**

Lilliput or Pompon

Small, compact flowers on strong stems, fine for cutting.

Canary-Yellow	**Rose-Pink**
Crimson Gem	**White Gem**
Flesh-Pink	**Purple Gem**

Each, pkt. 10 cts.; ¼oz. 35 cts.

Mixed. **Pkt. 10 cts.; ¼oz. 25 cts.**

Scabious-flowered, Mixed. *New.* A. Plants 2 to 2½ feet high, bearing numerous medium-sized flowers, having a remarkable resemblance to the annual scabious, while the color-range includes all popular shades. They are particularly rich in shades of crimson, scarlet, orange, yellow, and pink. Mixture only, **pkt. 25 cts.; ⅛oz. 60 cts.**

California Giants

Plants are taller than the Dahlia-flowered type, growing 3 to 4 feet high and bearing long stems of mammoth flowers.

***Brightness.** Bright pink.
***Daffodil.** Canary-yellow.
***Grenadier.** Dark red.
***Lavender Gem.** Deep lavender.
Miss Willmott. Soft pink.
Orange Queen. Golden orange.
***Scarlet Gem.** Glowing scarlet.
***Purity.** Pure white.

Each, pkt. 10 cts.; ¼oz. 60 cts.

COLLECTION: One pkt. each of above 6 varieties marked * 50 cts.

Finest Mixed. A choice mixture of all colors. **Pkt. 10 cts.; ¼oz. 45 cts.**

Various Zinnias

Dwarf Double, Mixed (Cut-and-Come-Again). Plants grow about 1½ feet high, bearing large, double flowers in good clear colors. **Pkt. 10 cts.; ¼oz. 25 cts.**

Curled and Crested, Mixed. The petals are curled and crested into many graceful forms. Comprising all the brilliant colors. **Pkt. 10 cts.; ¼oz. 30 cts.**

Pumila Picotee Delight, Mixed. Blooms medium size; petals curled, with picotee markings. **Pkt. 10 cts.; ¼oz. 60 cts.**

Haageana Hybrids (Mexican Zinnia). A dwarf variety about 10 inches high, bearing small, double flowers in many attractive colors. **Pkt. 10 cts.; ¼oz. 60 cts.**

AD **Fantasy, Mixed.** A. The medium-sized, double flowers are composed of a mass of shaggy petals, and range in color from the brightest shades to the popular pastels. **Pkt. 15 cts.; ⅛oz. 30 cts.**

Fantasy, Star Dust. See Novelties and Specialties, page 3.

Crown of Desert Gold. See Novelties and Specialties, page 3.

VERONICA (Speedwell)

A perfectly hardy plant that will thrive under almost any condition and produce very attractive blue flowers when most needed.

Spicata. H.P. Bright blue flowers in June and July. Height, 1½ feet. **Pkt. 10 cts.; ⅛oz. 55 cts.**

Prostrata. H.P. Bright blue flowers in June. Height, 3 to 4 inches. **Pkt. 15 cts.; ⅛oz. 75 cts.**

VIOLA (Tufted Pansies) H.P.

Dwarf, compact, free-blooming plants, unexcelled for rock-gardens.

Apricot. Rich apricot shade, blending into a deep orange center. **Pkt. 15 cts.**

Blue Gem (Jersey Gem). Deep violet-blue flowers from May until fall. **Pkt. 25 cts.**

Choice Mixed. A mixture of all shades. **Pkt. 10 cts.; ⅛oz. 50 cts.**

Cornuta, Mixed. A mixture of all the finest sorts. **Pkt. 10 cts.; ⅛oz. 60 cts.**

Odorata. (Single Sweet Violet.) **Pkt. 15 cts.; ⅛oz. 75 cts.**

WALLFLOWER (T.P.)

Beautiful, fragrant flowers in many colors. Blooms in early spring. Height, 2 feet.

Double, Mixed. **Pkt. 15 cts.**

G. & T. CO.'S PERENNIAL GARDEN MIXTURE. A. A mixture of the best perennial flower seeds—an inexpensive way of starting a complete perennial garden.
Pkt. 10c; large pkt. 25c; 5 large pkts. $1.

Veronica (Speedwell)

Hardy Perennial and

Anchusa myosotidiflora

Aster, Queen Mary

Dianthus deltoides

The following choice varieties are sturdy and healthy, started last summer in 3-inch pots. NOTE: We do not handle fresh-dug or paper-wrapped plants. Our perennial plants are available from March 15 to June 15, and from September 15 to November 30.

The varieties marked with an asterisk (*) are suitable for rock-gardens.

Except where otherwise noted, plants are 20 cts. each; 3 for 50 cts.; $15 per 100 (25 or more take the 100 rate)

NOTE: Plants by Mail: One plant 10 cts.; each additional plant, add 3 cts. In lots of 25 or more, plants will be sent express collect

	Height	Location	Blooms
Achillea millefolium roseum. Rose	2 ft.	Sun	July–Oct.
tomentosa. Yellow	1 ft.	Sun	June
***Alyssum** saxatile compactum. Yellow	1 ft.	Sun	April, May
Anchusa italica, Dropmore var. Blue	4 ft.	Sun	May–Aug.
* myosotidiflora. Blue	1 ft.	Sun, Shade	May
Anemone hupehensis. Pink	1 ft.	Shade	Sept., Oct.
* pulsatilla. Violet	9 in.	Shade	April, May
japonica. Rose	3 ft.	Shade	Sept., Oct.
Aquilegia alpina. Blue	6–10 in.	Sun, Shade	May, June
Mrs. Scott Elliott's Strain. Mixed	2 ft.	Sun, Shade	May, June
***Arabis** alpina. White	6 in.	Sun, Shade	April, May
***Armeria** laucheana. Rosy crimson	6 in.	Sun, Shade	Summer
Artemisia, Silver King. White leaves	3 ft.	Sun	June, July
***Aster** alpinus. Blue	6–8 in.	Sun	May, June
Blue Gem. Blue	4 ft.	Sun	Sept., Oct.
* Mauve Cushion. Mauve	9 in.	Sun	Oct., Nov.
Queen Mary. Blue	2½ ft.	Sun	Sept., Oct.
Astilbe (Spirea). Pink	18–20 in.	Shade	May
White	18–20 in.	Shade	May
***Aubrietia** leichtlini. Purple	4–5 in.	Sun	April
***Bellis** perennis. Mixed	6 in.	Sun, Shade	April, May
Campanula calycanthema. Blue	2 ft.	Sun	June
calycanthema. White	2 ft.	Sun	June
calycanthema. Pink	2 ft.	Sun	June
* carpatica. Blue	8 in.	Sun	July, Aug.
* carpatica. White	8 in.	Sun	July, Aug.
* garganica. Blue	4 in.	Sun	June
* muralis. Blue	4 in.	Sun	June, July
* rotundifolia. Blue	1 ft.	Sun	June–Oct.
Centaurea macrocephala. Yellow	3 ft.	Sun	July, Aug.
montana. Blue	2 ft.	Sun	July–Sept.
***Cerastium** tomentosum. White	6 in.	Sun	May, June
***Cheiranthus** allioni. Orange	1 ft.	Sun	June
Chelone lyoni. Red	2 ft.	Sun, Shade	Aug., Sept.
Chrysanthemum, Alaska (Shasta Daisy). White	2 ft.	Sun	June, July
Coreopsis. Yellow	2 ft.	Sun, Shade	June–Oct.
Delphinium belladonna. Light blue	3 ft.	Sun	June, July
bellamosa. Dark blue	3 ft.	Sun	June, July
Blackmore & Langdon's New Hybrids. 1934 Strain. Clumps, 35 cts. each; $3.50 per doz.	5–8 ft.	Sun	June–Oct.
Wrexham Strain Hybrids. Blue shades. 25 cts. each; $2.50 per doz.	5–8 ft.	Sun	June, July
***Dianthus** allwoodi. Mixed	8–10 in.	Sun	May, June
barbatus, Newport Pink (Sweet William)	1 ft.	Sun	May
barbatus. Deep red	1 ft.	Sun	May
barbatus. White	1 ft.	Sun	May
* deltoides. Rose	8 in.	Sun	May, June
* deltoides. White	8 in.	Sun	May, June
* plumarius semperflorens (Dwarf). Mixed	8 in.	Sun	May–Sept.
Dicentra eximia	8–10 in.	Sun, Shade	June–Oct.
spectabilis. 35 cts. each; $3.50 per doz.	15–24 in.	Sun, Shade	June
Digitalis (Foxglove). White	4–5 ft.	Sun	June, July
Rose	4–5 ft.	Sun	June, July
Purple	4–5 ft.	Sun	June, July
grandiflora. Yellow	2–3 ft.	Sun	June, July
Eupatorium cœlestinum. Purple	1 ft.	Sun	Aug.–Oct.
Gaillardia, Portola Hybrids. Mixed	2 ft.	Sun	May–Oct.
Gypsophila, Bristol Fairy. White. Clumps, 30 cts. each; $3 per doz.	2 ft.	Sun	June, July
paniculata. White	3 ft.	Sun	June, July
repens. White	Trailing	Sun	June
Helenium autumnale. Yellow	4–5 ft.	Sun	Sept., Oct.
***Helianthemum** mutabile (Rock Rose). Mixed	8–12 in.	Sun	June, July
Hemerocallis thunbergi (Day-Lily). Yellow	3 ft.	Sun, Shade	July, Aug.
Hesperis (Sweet Rocket). Mixed	2–4 ft.	Sun	May
Heuchera sanguinea (Coral Bells). Crimson	1 ft.	Sun	June–Sept.
Hibiscus, Red. (Clumps.)	5–6 ft.	Sun, Shade	July, Aug.
Pink	5–6 ft.	Sun, Shade	July, Aug.
White	5–6 ft.	Sun, Shade	July, Aug.
Hollyhock, Double, Rose. (Pots.)	5–6 ft.	Sun	July
White. (Pots.)	5–8 ft.	Sun	July
Pink. (Pots.)	5–8 ft.	Sun	July
Yellow. (Pots.)	5–8 ft.	Sun	July
***Iberis** sempervirens (Hardy Candytuft). White	5 in.	Sun	April, May
***Lavandula** vera. Blue	1 ft.	Sun	July–Sept.
Lily-of-the-Valley. White. (Clumps.)	6–8 in.	Sun, Shade	May, June
***Linum** flavum (Flax). Yellow	1 ft.	Sun	June, July
* perenne. Blue	18 in.	Sun	May–Sept.

See page 73 for complete line of Plant Labels and Plant Stakes

Rock-Garden Plants

	Height	Location	Blooms
Lobelia cardinalis. Red	2–3 ft.	Shade	July
***Lychnis** alpina. Rose	6 in.	Sun	April
***Matricaria** (Feverfew). Yellow	10–12 in.	Sun	June–Aug.
Monarda (Bergamot). Red	3 ft.	Sun	June–Aug.
***Myosotis** palustris (Everblooming Forget-me-not). Blue	8 in.	Shade	Summer
***Nepeta** mussini. Mauve	8 in.	Sun	April–June
Papaver orientale, Orange-red	3 ft.	Sun	June, July
orientale, Blood-red	3 ft.	Sun	June, July
orientale, Salmon-pink	3 ft.	Sun	June, July
***Phlox** amœna. Pink	4–6 in.	Sun	April, May
* divaricata. Blue	10 in.	Sun, Shade	May
* ovata (Carolina Phlox). Rosy red	1 ft.	Sun	June, July
* subulata atropurpurea. Blood-red	3 in.	Sun	April, May
* subulata, Vivid. Rose-red	3 in.	Sun	April, May
Physostegia virginica. Pink	3 ft.	Sun, Shade	July, Aug.
Vivid	3 ft.	Sun, Shade	July, Aug.
Platycodon mariesi. Blue	1 ft.	Sun	July–Oct.
***Plumbago** larpentæ. Blue	6 in.	Sun	July–Oct.
***Potentilla** Hybrid. Pink	1 ft.	Sun	June–Sept.
***Primula** cashmeriana. Blue ... 30 cts. each; $3 per doz.	10 in.	Sun, Shade	March–May
* All Colors, Mixed	6 in.	Sun, Shade	April, May
* Yellow	6 in.	Sun, Shade	April, May
Pyrethrum roseum. Pink	2 ft.	Sun	May, June
rubra. Red	2 ft.	Sun	May, June
Salvia greggi. Pink ... 30 cts. each; $3 per doz.	2 ft.	Sun	July–Oct.
pitcheri. Blue	3 ft.	Sun	Sept.
Scabiosa caucasica. Lilac-blue	2 ft.	Sun	June–Aug.
japonica. Lavender-blue	2 ft.	Sun	June–Sept.
Sedum (25 varieties)			
Sempervivum (20 varieties)			
***Silene** orientalis. Rose	6 in.	Sun, Shade	June–Sept.
***Thymus** citriodorus. Yellow	4 in.	Sun	June, July
Tritoma Hybrids (Red-Hot Poker). Mixed	2 ft.	Sun	Aug., Sept.
Trollius	18–24 in.	Shade	June
***Tunica** saxifraga. Pink	6 in.	Sun, Shade	July–Sept.
Valeriana. Crimson	24–30 in.	Sun	June–Sept.
Verbena canadensis. Purple	Trailing	Sun, Shade	June–Sept.
***Veronica** incana. Purple	1 ft.	Sun	July, Aug.
longifolia subsessilis. Deep blue	2 ft.	Sun	July–Oct.
* repens. Light blue	3 in.	Sun	May
Veronica, Royal Blue. Blue	18 in.	Sun	July
* rupestris. Blue	3 in.	Sun	June
spicata. Blue	18 in.	Sun	June, July
* venosa. Purple	6 in.	Sun	June–Oct.
***Vinca** minor (Periwinkle). Blue	Trailing	Sun, Shade	April, May
***Viola** bicolor	4 in.	Sun	May–Oct.
* Ilona. Red	5 in.	Sun	May–Oct.
* Jersey Gem. Violet	4 in.	Sun	April–Oct.
* Little Gem (Dwarf Jersey Gem)	3–4 in.	Sun	April–Oct.
* Pink Pearl	3 in.	Sun	April–Oct.
* Sutton's Apricot. Apricot	5 in.	Sun	May–Oct.
* White Perfection. White	5 in.	Sun	April–Oct.
* Yellow Gem. Yellow	5 in.	Sun	April–Oct.

Phlox divaricata

Sedum acre

Primula

Viola

ANNUAL PLANTS

We do not advise sending annual plants by Parcel Post and it is done only at the customer's risk.

The following plants will be ready for delivery May 1. They are all grown in 3-inch pots, under our supervision, and are guaranteed true to color. Most of them will be in bud or bloom when you receive them, and will produce a good display in a very short time.

	Doz.
Ageratum, Dwarf Blue	$0 75
Alyssum, Dwarf White	75
Amaranthus, Molten Fire	1 00
Annual Ivy	1 00
Antirrhinum, Giant-flowering Dwarf and Tall, in Orange, Crimson, Scarlet, Yellow, Salmon-Pink, White	1 00
Asters, California Giants Improved. Apple Blossom, Carmine, Dark Purple, Deep Rose, Light Blue, White	75
Calendula, Orange King and Lemon Queen	75
Cannas. All colors ... $10 per 100	1 50
Carnations, Marguerite, Mixed	1 00
Coleus	75
Cosmos, Early Single Mixed and Late Single Mixed	75
Dahlias, Unwin's Dwarf	1 00
Dusty Miller	75
Gaillardia, Indian Chief	1 00
Moon Vine, Heavenly Blue	1 00
Heliotrope	1 00
Kochia (Mexican Firebush)	75

	Doz.
Lantanas, Mixed	$1 00
Lobelia, Dwarf Blue	75
Marigold, Guinea Gold	1 00
Marigold, Little Brownie	75
Nasturtium, New Double Gleam Hybrids	1 00
Nemesia, Blue Gem	1 00
Pansies	1 00
Petunia, Rosy Morn	75
Petunia, Dwarf Giants of California, Mixed	1 00
Petunia, Balcony, Blue, Rose, Red, White	75
Petunia, Fringed Mixed	1 00
Philodendron ... 30 cts. each	
Phlox, Dwarf Mixed	75
Salpiglossis, Mixed	1 00
Salvia, Bonfire (Scarlet Sage)	75
Stocks, Mixed	1 00
Verbena, Mixed	75
Zinnia, Fantasy	1 00
Zinnia, Dahlia-flowering. Golden State, Crimson Monarch, Dream, Exquisite, Polar Bear, Old Rose	75

Protect your hands with Eezy-Wear Garden Gloves. See page 44

See Page 73 for Complete Line of Plant Labels and Plant Stakes

HARDY GARDEN LILIES

Hardy Lily Collection
6 bulbs (2 each of Henryi, Regale, and Speciosum magnificum) for $1.25

If Lily bulbs are wanted by mail, add 25 cts. per doz. for postage

Auratum (Golden-Rayed Lily). Pure white, spotted crimson; very fragrant. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. **9 to 11-in. circum., 35 cts. each; $3.50 per doz. 11 to 13-in. circum., 45 cts. each; $4.50 per doz.**

Henryi. Rich deep orange-yellow. Plant 10 inches deep. Blooms in August and September. Height, 8 feet. **35 cts. each; $3.50 per doz.**

Philippinense formosanum. Easy to grow. Foliage long and grassy. Flowers pure white, resembling an Easter Lily; very fragrant. Plant 8 inches deep. Height, 1½ to 2 feet. **30 cts. each; $3 per doz.**

Regale (Royal Lily). White, suffused pink, yellow at the center; very fragrant. Plant 9 inches deep. Blooms in July. Height, 6 to 8 feet. **7 to 8-in. circum., 25 cts. each; $2.25 per doz.**

Speciosum album. Pure white Lilies. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. **8 to 9-in. circum., 30 cts. each; $3 per doz.**

Speciosum magnificum. White, spotted and bordered with ruby-carmine. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. **9 to 11-in. circum., 30 cts. each; $3 per doz. 11 to 13-in. circum., 40 cts. each; $4 per doz.**

Speciosum rubrum. Large white flowers suffused rose-pink, spotted crimson. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. **9 to 11-in. circum., 30 cts. each; $3 per doz. 11 to 13-in. circum., 40 cts. each; $4 per doz.**

Superbum (Turk's-Cap Lily). Immense, pyramidal cluster of brilliant orange-red, turban-shaped flowers, yellowish inside and spotted brown. Plant 8 inches deep in moist, well-drained soil. Height, 5 to 8 feet. **30 cts. each; $3 per doz.**

Tigrinum splendens (Tiger Lily). Rich, dark salmon, spotted orange. Plant 10 inches deep. Blooms in August and September. Height, 4 to 5 feet. **20 cts. each; $2 per doz.**

Tigrinum flore-pleno (Double Tiger Lily). **25 cts. each; $2.50 per doz.**

Lilium auratum

GLADIOLUS

One of the most popular of all summer-flowering bulbs. Plant outdoors as soon as frost is out of the ground, 4 inches deep and at least 6 inches apart.

Varieties marked with asterisk (*) are good for greenhouse forcing. The letters following the names indicate their time of blooming: E., Early; M., Midseason; L., Late.

PINK AND SALMON SHADES

America. M. Flesh-pink, tinged lavender; large. **4 cts. each; 45 cts. per doz.; $3 per 100.**

Bagdad. L. Very large; smoky old-rose with lighter throat. **7 cts. each; 70 cts. per doz.; $5 per 100.**

***Betty Nuthall.** L. A warm, bright coral, with pale orange throat and a light feathering of carmine. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

E. J. Shaylor. E. Beautiful deep rose-pink with well-ruffled edges. **4 cts. each; 45 cts. per doz.; $3 per 100.**

Giant Nymph. M. Light rose-pink, creamy yellow throat. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

Longfellow. L. Clear La-France-pink. **5 cts. each; 50 cts. per doz.; $4 per 100.**

***Los Angeles.** Bright pink with carmine blotch in throat. **4 cts. each; 45 cts. per doz.; $3 per 100.**

Mother Machree. M. Very unusual color —lavender, edged salmon-pink. **8 cts. each; 80 cts. per doz.; $6 per 100.**

Mrs. F. C. Peters. L. Rose-lilac, with crimson blotch. **5 cts. each; 50 cts. per doz.; $4 per 100.**

***Mrs. Frank Pendleton.** M. Flushed salmon-pink, carmine blotches in throat. **5 cts. each; 50 cts. per doz.; $4 per 100.**

Mrs. Leon Douglas. L. Begonia-rose, striped with flame-scarlet, lower petal lemon, speckled ruby. **5 cts. each; 50 cts. per doz.; $4 per 100.**

***Picardy.** M. Soft shrimp-pink, deeper toward the throat. **8 cts. each; 85 cts. per doz.; $6 per 100.**

Rose Ash. L. Old-rose tones. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

RED AND SCARLET SHADES

Commander Koehl. L. Brilliant scarlet-blood-red; large flowers, strong stems. **8 cts. each; 85 cts. per doz.; $6 per 100.**

Crimson Glow. M. Glowing crimson-scarlet. **5 cts. each; 50 cts. per doz.; $4 per 100.**

***Dr. F. E. Bennett.** M. Deep red, suffused scarlet. **5 cts. each; 50 cts. per doz.; $4 per 100.**

Mrs. Francis King. M. Flame-scarlet, salmon shading. **4 cts. each; 45 cts. per doz.; $3 per 100.**

Paul Pfitzer. M. Amaranth-red with velvety sheen; large, ruffled flowers. **8 cts. each; 85 cts. per doz.; $6 per 100.**

Pfitzer's Triumph. Orange-red, deeper in the throat. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

Scarlet Wonder. L. Large, rich red. **5 cts. each; 50 cts. per doz.; $4 per 100.**

***Virginia.** E. Intense scarlet, slightly deeper in throat. **5 cts. each; 50 cts. per doz.; $4 per 100.**

See Inside Back Cover for Special Gladiolus Offer

Gladiolus

BLUE AND LAVENDER SHADES

Ave Maria. E. Light blue flowers with small purple blotches. Very popular. **8 cts. each; 85 cts. per doz.; $6 per 100.**

Baron Josef Hulot. M. Deep indigo-blue. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

***Charles Dickens.** L. Deep violet-purple. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

Heavenly Blue. M. Clear light blue. **10 cts. each; $1 per doz.; $8 per 100.**

Henry Ford. L. Royal purple. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

***Minuet.** L. Clear orchid-lavender. **8 cts. each; 85 cts. per doz.; $6 per 100.**

NOTE: We furnish all bulbs, 6 of a variety at the dozen rate; 25 of a variety at the 100 rate.

YELLOW SHADES

Butter Boy. E. Buttercup-yellow. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

Golden Measure. M. Pure golden yellow. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

***Orange Queen.** E. Apricot, shading to a brilliant orange. **4 cts. each; 45 cts. per doz.; $3 per 100.**

Yellow Wonder. E. Clear yellow. Tall; free bloomer. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

WHITE SHADES

***Belinde.** M. Creamy white. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

Carmen Sylva. M. The best pure white. **6 cts. each; 65 cts. per doz.; $4.50 per 100.**

Mammoth White. M. Florets often measuring 6 inches across. Pure white. **10 cts. each; $1 per doz.; $8 per 100.**

G. & T. Co.'s Selected Gladiolus. Finest Mixture. 25 first-size bulbs, **75 cts.**

G. & T. Co.'s Exhibition Mixture. Choice varieties in a wide range of colors. **4 cts. each; 40 cts. per doz.; $3 per 100.**

See page 45 for Hole-in-One Bulb Planter

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

Griffith & Turner's Choice Dahlias

Bulbs by mail are not sent prepaid. To cover postage and packing, add to your remittance 10 per cent of the catalog price. Minimum charge 10 cts.

NOTE. Varieties marked with an asterisk (*) are also available in plants on or about May 25 at the price of the root

Our list of Dahlias now includes many of the higher-priced varieties at more attractive prices. In order to describe Dahlias properly as to the type of flower, the American Dahlia Society has adopted a classification—the key of which we give you—showing the class to which the variety belongs.

F.D., Formal Decorative **Semi-C., Semi-Cactus** **C., Cactus** **I.D., Informal Decorative** **S.C., Straight Cactus**

Tubers available from March 15 to June 1.

Decorative Dahlia

***Ambassador.** (S.C.) Soft yellow, shading to salmon-pink. **50 cts. each; $5 per doz.**

California Beauty. (C.) Pure copper. **50 cts. each; $5 per doz.**

Champoeg. (F.D.) Waxy lemon-yellow, overlaid coral. **$1 each; $10 per doz.**

Dwight W. Morrow. (I.D.) Dark rich red. Unusually rich in color and quality. **$1 each.**

Eagle Rock Beauty. (I.D.) A pink and cream combination that is very attractive. **50 cts. each; $5 per doz.**

***Graf Zeppelin.** (F.D.) Large, pure white flowers on long stems. **50 cts. each; $5 per doz.**

Grace. (F.D.) White, tipped and suffused lavender. **35 cts. each; $3.50 per doz.**

***Jane Cowl.** (I.D.) Giant buff and old-gold blooms, blended darker toward center. **25 cts. each; $2.50 per doz.**

Jersey's Beacon. (F.D.) Large, Chinese-scarlet blooms, pale on the reverse, giving a two-toned effect. **25 cts. each; $2.50 per doz.**

Jersey's Beauty. (F.D.) Finest true pink. Beautiful large flowers of perfect form. **25 cts. each; $2.50 per doz.**

Jersey's Triumph. (F.D.) Copper suffused salmon. **50 cts. each; $5 per doz.**

***Kathleen Norris.** (I.D.) Massive, rose-pink blooms. **40 cts. each; $4 per doz.**

***Kemp's Violet Wonder.** (I.D.) Violet with undertone of royal purple. **50 cts. each; $5 per doz.**

***Kentucky.** (F.D.) Brilliant salmon-orange, shading to orange-yellow at base of petals. **35 cts. each; $3.50 per doz.**

Margaret Woodrow Wilson. (I.D.) Large, creamy white flowers, shaded with pink, and having a deep pink reverse. **30 cts. each; $3 per doz.**

Maryland's Glory. (F.D.) Large American Beauty red. **$1 each; $10 per doz.**

Maryland's Orange. (S.C.) A brilliant combination of red and orange, orange predominating. **50 cts. each; $5 per doz.**

Mrs. I. de Ver Warner. (I.D.) Deep mauve-pink. **25 cts. each; $2.50 per doz.**

New Glory. (S.C.) Variegated ox-blood-red and white. **75 cts. each; $7.50 per doz.**

***Omar Khayyam.** (F.D.) Chinese-red petals, shading to bright orange and tipped lighter. **50 cts. each; $5 per doz.**

Queen of the Garden Beautiful. (F.D.) An enormous primrose-yellow Dahlia. **40 cts. each; $4 per doz.**

***Satan.** (S.C.) Immense, flaming red Cactus with great, horn-like petals. **$1 each; $10 per doz.**

The Commodore. (I.D.) Brilliant lemon-yellow. Petals long and broad. Blooms often attaining 12 inches across. **50 cts. each; $5 per doz.**

The World. (F.D.) Rich deep rosy magenta, overlaid violet, with silver shadings on edges of petals. **45 cts. each; $4.50 per doz.**

Thomas A. Edison. (F.D.) Large, royal purple blooms. **50 cts. each; $5 per doz.**

***Treasure Island.** (F.D.) Apricot and gold, rose suffusion. **50 cts. each; $5 per doz.**

G. & T. Co.'s Dahlia Collection

One each of the following varieties (value $1.50), for **$1.00.**

Jane Cowl **Jersey's Beauty**
Jersey's Beacon **The Commodore**
Mrs. I. de Ver Warner

Cactus Dahlia, Ambassador

POMPON DAHLIAS

Little David. Orange-scarlet.
Bob-White. Pure white.
Aimee. Bronze.
Atom. Fiery red.
Dee Dee. Pale lilac.
Yellow Gem. Canary-yellow.

Any of above Pompons, 30 cts. each; $3 per doz.

SINGLE DAHLIAS

Doris. Carmine, tipped white.
Purity. White.
Tango. Yellow and scarlet-orange.
Garnet Poinsettia. Garnet.
Autumn Century. Madder-red and yellow.

Any of above Single Dahlias, 30 cts. each; $3 per doz.

DAHLIAS TO COLOR

These are good large varieties, named sorts but labeled only as to color. Large tubers furnished in the following colors: **Red, Pink, Yellow, Lavender,** and **White. 15 cts. each; $1.50 per doz.**

Griffith & Turner's Fine Canna Roots

Available during March and April

Ambassador. Brilliant rich cherry-red. Rich bronze foliage and stalk. Height, 4 feet. **8 cts. each; 75 cts. per doz.; $5 per 100.**

Apricot. Buff-yellow base, with salmon-pink. Green foliage. Height, 4 feet. **8 cts. each; 80 cts. per doz.; $5.50 per 100.**

Eureka. By far the very best white Canna ever introduced. Large, showy trusses. Height, 4½ feet. **8 cts. each; 80 cts. per doz.; $5.50 per 100.**

Golden Gate. Opens a pure gold, but soon becomes richly rayed with orange-crimson and apricot centering to the throat. Green foliage. Height, 4 feet. **5 cts. each; 50 cts. per doz.; $3.50 per 100.**

Hungaria. Rich soft pink flowers. Green foliage. Height, 4 feet. **5 cts. each; 50 cts. per doz.; $3.50 per 100.**

King Humbert. Orange-scarlet. Bronze foliage. Height, 5 feet. **5 cts. each; 50 cts. per doz.; $4 per 100.**

Yellow King Humbert. Yellow flowers blotched red. Green foliage. Height, 4 feet. **5 cts. each; 50 cts. per doz.; $4 per 100.**

Mme. Crozy. Brilliant vermilion-scarlet. Green foliage. Height, 3½ feet. **8 cts. each; 75 cts. per doz.; $5 per 100.**

Mrs. Alfred F. Conard. Salmon-pink. Green foliage. Height, 4 feet. **8 cts. each; 80 cts. per doz.; $5.50 per 100.**

Richard Wallace. Canary-yellow. Green foliage. Height, 4 feet. **5 cts. each; 50 cts. per doz.; $4 per 100.**

Rosea Gigantea. Rose-pink. Green foliage. Height, 3½ feet. **8 cts. each; 80 cts. per doz.; $5.50 per 100.**

The President. Rich glowing scarlet. Green foliage. Height, 4 feet. **5 cts. each; 50 cts. per doz.; $4 per 100.**

Wyoming. Immense spikes of orange flowers. Bronze foliage. Height, 5 feet. **75 cts. per doz.; $5 per 100.**

See Annual Plants, page 19, for prices on Cannas in 3-inch pots

WE FURNISH ALL BULBS 6 OF A VARIETY AT THE DOZEN RATE; 25 OF A VARIETY AT THE 100 RATE

Other Summer-Flowering Bulbs and Roots

Tuberous Begonia

BEGONIAS (Wax Plants)

Tuberous-rooted

The most handsome of all the summer-flowering tuberous-rooted plants. Start outdoors about May 1, in light, well-drained soil. Bloom from June until frost. Also useful for planting in porch- and window-boxes.

Double-flowering. Crimson, Orange, Pink, Salmon, Rose, Yellow, and White.

Single-flowering. Same colors as in the double-flowering varieties.

Trailing Tuberous-rooted Begonias

Mixed Colors. These beautiful Begonias are superb for growing in rockeries, also for hanging-baskets, porch- and window-boxes.

Any of above varieties, 20 cts. each; $2 per doz.

CALADIUM ESCULENTUM

Elephant's Ear

One of the finest of the ornamental foliage plants, growing 6 to 10 feet high. **First size, 7 to 9-in. circum., 5 cts. each; 50 cts. per doz. Second size, 9 to 11-in. circum., 10 cts. each; $1 per doz. Mammoth, 11 to 12-in. circum., 15 cts. each; $1.50 per doz.**

Fancy-leaved Caladiums

Showy foliage with red, green, and white variegated leaves. Plant outdoors in shady places after May 15. Also an attractive pot-plant. **25 cts. each; $2.50 per doz.**

TIGRIDIA (Tiger Flower)

Hybrids. Richly colored flowers of fantastic cupped form, curiously spotted in the centers. In bloom all summer, and require the same culture as gladiolus. **Mixed, 15 cts. each; $1.50 per doz.; $12 per 100.**

GLOXINIAS

Beautiful summer-flowering plant producing large, tubular flowers of gorgeous colorings. **35 cts. each; $3.50 per doz.**

CINNAMON VINE (H.P.)

Rapid-growing summer climber with bright, glossy foliage. Spikes of white flowers, deliciously cinnamon-scented. Fine for arbors and trellises. **Large roots, 10 cts. each; $1 per doz.**

TUBEROSES

Double Pearl. One of the most fragrant and popular summer-flowering bulbs. Pure white. **4 cts. each; 40 cts. per doz.; $3 per 100.**

MONTBRETIAS

One of the brightest of our summer-flowering bulbs. Plant outside during April and May, 4 inches apart. Protect over the winter with a heavy mulch. Height, 3 to 4 feet.

Croesus. Apricot-yellow. **15 cts. each; $1.50 per doz.**

Fire King. Brilliant scarlet. **10 cts. each; $1 per doz.**

George Davison. Pure golden yellow. **15 cts. each; $1.50 per doz.**

King Edmund. Orange-yellow. **10 cts. each; $1 per doz.**

MADEIRA VINE

Climbing Mignonette

A popular vine that covers a large space in a short time. Heart-shaped leaves of a light green and feathery flowers with delightful fragrance. **Extra-large, selected, 10 cts. each; $1 per doz.**

Montbretia

Japanese Iris

JAPANESE IRIS

Iris kaempferi

Beautiful flowers on long, strong stems. Fine for cut-flowers. Blooms about the middle of June, and continues for about six weeks.

Field-grown

Alpha. White, lavender uppers.
Blue Boy. Deep blue.
Caprice. Purple, splashed white.
Charlton Childs. White and plum.
Delight. White and light purple.
Dominator. Deep purple.
Helen Von Siebold. Red-violet, veined white.
Kuyo. Purple, splashed white.
Orchid. Deep lavender-orchid.
Pyramid. Lavender, veined white.
Purple and Gold. Deep purple.
Red Riding Hood. Rose, splashed white.
Venus. Pure white.
Uchiu. Cerulean blue, veined white; gold center.

Any of above varieties, 35 cts. each; $3.50 per doz.

SPECIAL COLLECTION: 10 Japanese Iris, all different, not labeled, $2

TALL BEARDED IRIS

Iris germanica

Alcazar. Dark blue-violet.
Bountiful. Lavender.
Frill. Lavender.
Jeanne d'Arc. White and blue.
Loreley. Blue, bordered yellow.
Mary Garden. White and mauve.
Midnight. Deep purple.
President Lincoln. Deep bronze.
Prosper Laugier. Maroon-bronze.
Queen Alexandra. Lilac and bronze.
Queen of May. Near pink.
Sherwin-Wright. Yellow.
White Knight. White.

Any of above varieties, 25 cts. each; $2.50 per doz.

PEONIES

Armandine Mechin. Dark red.
Edulis Superba. Bright clear mauve-pink with silvery reflex. Very early.
Felix Crousse. Bright crimson.
Festiva Maxima. Clear white. Early-flowering rose type.
Meissonier. Brilliant purple-red petals, deep crimson center.
Mons. Jules Elie. Pure pink.
Solange. White, tinged apricot and fawn.

Strong roots, 40 cts. each; $4.20 per doz.

Hardy Flowering Shrubs

ABELIA grandiflora. One of the finest evergreen shrubs, blooming continuously from early summer until frost. Flowers white, tinted lilac. Height, 3 to 4 feet. **1½ to 2-ft. plants, 75 cts. each.**

ALMOND, Flowering (*Amygdalus*). A lovely shrub growing 5 to 6 feet high, with fragrant pink flowers in May. **2 to 3-ft. plants, 75 cts. each.**

ALTHÆA (Rose of Sharon). A valuable hardy shrub which blooms from August to October. We offer in four colors, **Red, Pink, Purple, White.** Height, 10 to 12 feet. **2 to 3-ft. plants, 35 cts. each.**

BUDDLEIA (Butterfly Shrub). A very desirable shrub beginning to bloom in July and continuing until frost. Violet-mauve flowers in racemes. Height, 5 to 6 feet. **2 to 3-ft. plants, 50 cts. each.**

CALYCANTHUS (Sweet Shrub). An old favorite with most unusual chocolate-colored flowers in May. **2 to 3-ft. plants, 50 cts. each.**

CRAPE MYRTLE. One of the most beautiful shrubs grown, and a particular favorite in the South where it is hardy. Beautiful blooms in profusion. Height, 6 to 25 feet. Pink, Purple, or Red. **2 to 3-ft. plants, $1.25 each.**

CYDONIA japonica (Japanese Quince). Showy shrubs with a profusion of scarlet flowers in April. Height, 4 to 6 feet. **1 to 1½-ft. plants, 35 cts. each.**

DEUTZIA gracilis. A beautiful dwarf shrub covered with pure white flowers in April and May. Height, 2 to 3 feet. **15 to 18-in. plants, 50 cts. each.**

D., Pride of Rochester. A tall-growing variety with double white flowers tinged pink. Blooms in May. Height, 8 to 10 feet. **2 to 3-ft. plants, 40 cts. each.**

DOGWOOD, Red- or Pink-flowering. Small trees that are covered with a wealth of bloom in spring. **2 to 3-ft. plants, $2.25 each.**

FORSYTHIA suspensa (Weeping Forsythia). A graceful, drooping shrub with golden yellow flowers in April. Height, 4 to 6 feet. **2 to 3-ft. plants, 40 cts. each.**

HYDRANGEA, Snowhill. A very hardy shrub with snow-white flowers from July until frost. Height, 4 to 5 feet. **2 to 3-ft. plants, 50 cts. each.**

H., Peegee. Best-known summer-flowering shrub, with huge heads of white flowers which turn to pink. Blooms from July until frost. **2 to 3-ft. plants, 50 cts. each.**

JAPANESE FLOWERING CHERRIES. In the spring the Japanese Cherries are one of the most beautiful sights in Washington. **Double Pink. 4 to 5-ft. plants, $2.25 each.**

KERRIA (Double Globeflower). Golden yellow flowers in bloom from June until October. Height, 4 to 5 feet. **1½ to 2-ft. plants, 75 cts. each.**

KOLKWITZIA (Beauty Bush). A beautiful shrub from China, with masses of delicate pink flowers in May and June. Height, 5 to 6 feet. **2 to 3-ft. plants, 70 cts. each.**

PHILADELPHUS, Virginal (Mock Orange). Pure white flowers 2 inches in diameter completely cover the branches during May and June. Height, 3 to 4 feet. **1½ to 2-ft. plants, 35 cts. each.**

PUSSY WILLOW. Particularly attractive for its showy catkins in spring. A rapid-growing tree that adds beauty to the lawn and garden. Height, 10 to 20 feet. **2 to 3-ft. plants, 35 cts. each.**

RED-LEAVED JAPANESE MAPLE. Very popular, medium-sized shrub or small tree. Beautiful red foliage adds color and variety during spring and early summer. **1½ to 2-ft. plants (grafted), $2.50 each.**

SYRINGA vulgaris (Common Purple Lilac). **1½ to 2-ft. plants, 45 cts. each.**

S. vulgaris alba. White. **1½ to 2-ft. plants, 45 cts. each.**

S., Marie LeGraye. White. **1½ to 2-ft. plants, 75 cts. each.**

S., Michel Buchner. Pale pink; double. **2 to 3-ft. plants, 95 cts. each.**

S., President Grevy. Violet-blue to soft pink; double. **2 to 3-ft. plants, 75 cts. each.**

SYMPHORICARPOS (Snowberry). A dwarf shrub with small pink blooms and large white berries that hang on the plants during the greater part of the winter. Height, 5 to 6 feet. **2 to 3-ft. plants, 35 cts. each.**

SPIRÆA, Anthony Waterer. A dwarf shrub with crimson flowers from May to October. Height, 2 to 3 feet. **1½ to 2-ft. plants, 40 cts. each.**

S. vanhouttei. An excellent shrub with white flowers in May. Height, 6 to 8 feet. **2 to 3-ft. plants, 35 cts. each.**

VIBURNUM plicatum (Japanese Snowball). Beautiful balls of pure white flowers in May and June. Height, 6 to 8 feet. **2 to 3-ft. plants, 75 cts. each.**

WEIGELA, Eva Rathke. One of the most popular shrubs with red flowers all summer. Height, 4 to 5 feet. **2 to 3-ft. plants, 50 cts. each.**

W. rosea. A little taller growing than Eva Rathke, and has rosy pink flowers. Height, 6 to 8 feet. **2 to 3-ft. plants, 50 cts. each.**

HEDGE PLANTS

Barberry, Boxwood, Privet

BARBERRY, New Red-leaved. Same as the Green-leaved Barberry, except that the foliage is rich, lustrous bronze-red which becomes more vivid as the season advances, changing to brilliant orange, scarlet, and red shades in the fall. **1½ to 2-ft. plants, 40 cts. each; $4 per doz.; $32 per 100.**

B., Thunbergi (Japanese Barberry). **3-yr. plants, standard grading, 15 cts. each; $1.25 per doz.; $10 per 100.**

Truehedge Columnberry (*Berberis Thunbergi pluriflora erecta*). U. S. Plant Patent No. 110. A new Barberry which could properly be called "Boxwood Barberry." An upright hedge of a rich green color, changing to brilliant autumn tints. **12 to 15-in. plants, $4 per doz.; $30 per 100.**

BOXWOOD (*Buxus suffruticosa*). The true form of the English Boxwood. Always dwarf. For edging walks and borders. **4 to 6-in. plants, 20 cts. each; $2 per doz.; $15 per 100.**

CALIFORNIA PRIVET. 1 to 1½-ft. plants, 3 canes or more, $1.50 for 25; $5 per 100.

Shrubs by Mail

Due to the various sizes, and our inability to determine the exact charges to be made, we request that you add 15 per cent of your remittance to cover postage. Large quantities will be sent by Express collect

Evergreen Flowering Shrubs

AZALEAS.

Amœna. Rosy purple flowers.

	Each		Each
10 to 12 in.	$1 10	15 to 18 in.	$2 00
12 to 15 in.	1 30		

Hinodegiri. Dense clusters of fiery red flowers.

	Each		Each
6 to 8 in.	$0 80	10 to 12 in.	$1 40
8 to 10 in.	1 20	15 to 18 in.	2 40

DAPHNE cneorum (Garland Flower). A dwarf, spreading shrub, producing beautiful bright pink, sweet-scented flowers early in May. Valuable for rockeries or borders. **8 to 10-in. spread, $1.20 each.**

RHODODENDRON HYBRIDS. Handsome, hardy shrubs with long, leathery, evergreen foliage. Flowers produced in large, showy clusters.

Rhododendron Hybrids, continued

Mrs. C. S. Sargent. Beautiful dark pink. Fine foliage.

Dr. H. C. Dresselhuys. Brilliant aniline-red flowers.

Album grandiflorum. Well-known white variety.

Above varieties in 12 to 15-in. plants, $3.50 each. Seedlings much cheaper than varieties listed above. Write for prices and sizes.

RHODODENDRON HYBRID SEEDLINGS. Strong, well-rooted seedlings from seed collected from some of the finest English named varieties. **Mixed Colors.** Prices and sizes on application.

NOTE.—We will carry a complete line of the leading varieties of Evergreen samples on display in spring and fall at our stores.

Planting of Rhododendrons

Hardy Chrysanthemums

Showy and effective autumn-blooming plants producing a profusion of beautiful flowers in October and November, after all other flowers have been killed by the frosts.

Plant early in the spring, so that the plants will have sufficient time to become established.

Exhibition or Large-flowered Type

Davies. Lavender-pink. October.
Harvard. Deep red. November.
Oconto. Pure white. October.
Smith's Enchantress. Pink. October.
Sunglow. Yellow. October 25.

Any of above, 20 cts. each; 50 cts. for 3; $15 per 100

Pompon or Medium-flowered Type

Bloom October 25 to November 10

El Reno. Bronze.
Henry Penny. Red.
Lena Hall. Yellow.
Lillian Doty. Shell-pink.
Lucifer. Deep crimson.
Philadelphia. Deep rose.
Pink Beauty. Rose-pink.
Red Doty. Red.
R. Marion Hatton. Yellow.
Uvalda. Pure white.

Any of above, 20 cts. each; 50 cts. for 3; $15 per 100

Large Single-flowering Type

Bloom in October and November

Attraction. Pale rose.
Gold Lace. Yellow.
Mensa. White.
President Hoover. Deep maroon-red.
Ruth W. Smith. Bronze.
Mrs. William Buckingham. Pink.

Any of above, 20 cts. each; 50 cts. for 3; $15 per 100

Button Type

Bloom in October and November

Clorinda. Bronze.
Cometo. Pink.
Minong. White.
Ouray. Red.
Yellow Midget. Yellow.

Any of above, 20 cts. each; 50 cts. for 3; $15 per 100

New Single Korean Hybrids

Bloom in September and October

Apollo. Bronze.
Ceres. Old-gold.
Daphne. Pink.
Diana. Lilac-rose.
Hebe. Lavender-pink.
Innocence. White.
Mars. Deep red.
Mercury. Plant Patent No. 58. Ox-blood-red.
Orion. Yellow.
Sara J. Adams. Salmon-pink.
Vulcan. Red.

Any of above, 30 cts. each; $3 per doz.; $20 per 100

Hardy Phlox, Miss Lingard

PHLOX DECUSSATA

Tall, hardy garden Phlox that grows 2 to 3 feet high.

Africa. Deep red.
Baron van Heckeren. Delicate pink.
Commander. Violet.
Dr. Charles H. Mayo. White, red eye.
Fiancee. White.
Gen. van Heutz. Salmon-red, white eye.
Jules Sandeau. Watermelon-pink.
L'Esperance. Orchid.
Miss Lingard. White, pink eye.
Rheinlander. Salmon.
Rijnstroom. Deep pink.

Any of above, 20 cts. each; 50 cts. for 3; $15 per 100

Hardy Climbing Plants

AMPELOPSIS veitchi (Boston Ivy). Most popular of all climbing plants, attaining a height of 30 feet within two or three years. Will cling to any surface, stone or wood. Foliage rich green, turning to shades of crimson and orange in the fall. **Strong, 2-yr., field-grown plants, 35 cts. each.**

ARISTOLOCHIA sipho (Dutchman's Pipe Vine). Vigorous-growing climber, bearing singular brownish flowers resembling a pipe in shape. Light green leaves retaining their color until late fall. **$1 each; $10 per doz.**

BIGNONIA radicans (Trumpet Creeper). Rapid climber. Dark red flowers with orange throats. Very desirable wherever a showy flowering vine is desired. **2-yr., No. 1 stock, 50 cts. each; $5 per doz.**

CELASTRUS scandens (Bittersweet). Attractive light green foliage and yellow flowers during June, followed by bright orange berries which remain on all winter. **Strong, 2-yr. plants, 40 cts. each.**

CLEMATIS jackmani. Large, rich purple flowers. **Strong, 2-yr. plants, 75 cts. each.**

C. paniculata. Bears a profusion of fragrant white flowers from August till late fall. **Strong, 2-yr. plants, 40 cts. each.**

C. viticella, Edouard Andre. Bright red flowers. Number 1 stock. **Strong, 2-yr. plants, 75 cts. each.**

LONICERA sempervirens magnifica (New Everblooming Coral Honeysuckle). Tubular flowers of orange-scarlet color. Foliage rich, dark green. Strong, compact plants that flower continuously from early June until October. **50 cts. each; $5 per doz.**

POLYGONUM auberti (Silver Lace Vine). A desirable flowering climber. Strong, vigorous grower attaining a height of 25 feet or more, and producing, through the summer and fall, great foamy sprays of white flowers. **2-yr., No. 1 stock, 70 cts. each.**

WISTERIA sinensis (Chinese Wisteria). A very beautiful climber with purple flowers. **Strong, 3-yr. plants (grafted), 75 cts. each.**

W. sinensis alba. White form of above. **75 cts. each.**

Wisteria sinensis

Complete List of G. & T. Co.'s Selected Hardy Roses

Special Offer of 5 Everblooming Roses for $2. See inside back cover and below

Our Roses are vigorous, budded, 2-year-old, field-grown, strictly No. 1 stock. **A half dozen or more of any selection takes the dozen rate**

DORMANT STOCK

Varieties marked with an asterisk (*) can be supplied in dormant stock from March 15 to May 1. Our dormant stock is not processed or paraffined. **50 cts. each; $5.50 per doz.**

POTTED STOCK

All Roses listed can be furnished in full leaf, growing in 7-inch pots after May 1.

75 cts. each; $8 per doz., unless otherwise noted

Rose, Better Times

NEW AND PATENTED HYBRID TEA ROSES

Amelia Earhart. Plant Patent No. 63. Large, ovoid bud, cream with blushes; flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone. **$1.50 each.**

Better Times. Plant Patent No. 23. Brilliant cerise-red flowers; delicately fragrant. **$1.50 each.**

Countess Vandal. Plant Patent No. 38. Today the most popular Rose in America, as well as Europe. A color combination of pink, copper, gold, and salmon, producing a peculiar effect, and changing as the bloom ages. **$1 each.**

Gloaming. Plant Patent No. 137. The large buds are carried on long, rigid stems amply clothed with handsome foliage. Bloom is large and full. Color a soft satiny pink heavily laden with salmon and amber. Delightfully fragrant. **$1.50 each.**

Matador. Plant Patent No. 170. Large, full, well-formed Rose of scarlet-crimson with darker silky sheen on the reverse; very fragrant. Vigorous. **$1.50 each.**

Will Rogers. Plant Patent pending. A very beautiful Rose of such a rich dark red as to be almost black in the shadows. It is intensely fragrant and a thoroughly great Rose. **$1 each.**

NEW AND PATENTED EVERBLOOMING HARDY CLIMBING ROSES

Blaze. Plant Patent No. 10. The new everblooming vivid scarlet climber. **$1.25 each.**

Golden Climber (Everblooming Mrs. Arthur Curtiss James). Plant Patent No. 28. Golden yellow blooms. **$1.50 each.**

The New Dawn (Everblooming Dr. W. Van Fleet). Plant Patent No. 1. Flesh-pink blooms throughout the summer and fall. **$1.50 each.**

HYBRID TEA ROSES

***Autumn.** Burnt-orange, marked with red.

***Betty Uprichard.** Delicate salmon-pink; intensely fragrant. Long-pointed buds.

Briarcliff. Brilliant rose-pink, shading lighter. Pointed buds.

***Caledonia.** The best white. Pointed buds. **85 cts. each; $9 per doz.**

Charles P. Kilham. Brilliant Oriental red, flushed with orange-scarlet.

***Columbia.** Light pink; very fragrant.

Dainty Bess. Single, broad-petaled, rose-pink flowers with red filaments. **85 cts. each; $9 per doz.**

***Dame Edith Helen.** Brilliant rose-pink.

***Dotty.** A newer variety with bronze bud tinted golden yellow, which stays in the open bloom. **85 cts. each; $9 per doz.**

***Double White Killarney.** Large, double, fragrant white blooms.

***Duchess of Wellington.** Intense saffron-yellow, stained crimson.

***E. G. Hill.** Deep maroon, velvety on inside; very fragrant.

***Etoile de Hollande.** Brilliant crimson.

***Feu Joseph Looymans.** Glowing apricot and old-gold.

***Francis Scott Key.** Brilliant crimson.

Frau Karl Druschki. HP. White.

Golden Dawn. Rich straw-yellow, flushed old-rose. **85 cts. each; $9 per doz.**

***Hadley.** Dazzling crimson-scarlet.

Imperial Potentate. Flower large, double, fragrant, dark rose-pink.

***Joanna Hill.** Clear yellow, golden heart.

***Kaiserin Auguste Viktoria.** Pure white.

Los Angeles. Flame-pink, toned coral. **85 cts. each; $9 per doz.**

***Margaret McGredy.** Brick-red.

McGredy's Scarlet. Brilliant scarlet, orange-yellow at base of petals.

***Mevrouw G. A. van Rossem.** Vivid orange and apricot. **85 cts. each; $9 per doz.**

***Mme. Edouard Herriot.** Coral-red.

***Miss Rowena Thom.** Satiny pink, orange-flame center.

***Mrs. E. P. Thom.** Rich lemon-yellow.

***Mrs. Pierre S. du Pont.** Semi-double, very lasting, fragrant, deep golden yellow flower. **85 cts. each; $9 per doz.**

***Olympiad.** Dark Oriental scarlet. **85 cts. each; $9 per doz.**

***Ophelia.** Double, fragrant, salmon-flesh flower.

Padre. Bloom semi-double, fragrant, bright coppery scarlet, flushed with yellow. **85 cts. each; $9 per doz.**

***President Herbert Hoover.** A combination of pink, flame, scarlet, and yellow.

***Radiance.** Bright carmine-pink.

***Red Radiance.** Bright cerise-red.

***Rev. F. Page-Roberts.** Golden yellow, stained copper.

Sensation. Very large, double, fragrant, scarlet-crimson blooms.

Sœur Therese. Golden yellow bloom of very large size and extremely double. **85 cts. each; $9 per doz.**

***Souv. de Claudius Pernet.** Rich yellow. Long-pointed bud.

***Talisman.** Combination of apricot, gold, and deep rose-pink.

***Ville de Paris.** Rich buttercup-yellow.

HARDY CLIMBING ROSES

***Climbing American Beauty.** Large buds and flowers of bright purplish crimson.

Climbing Talisman. Apricot, gold and deep rose-pink.

***Dr. W. Van Fleet.** Rich flesh-pink.

***Emily Gray.** Light orange-yellow.

***Jacotte.** Deep orange-yellow, tinted red.

***Paul's Scarlet Climber.** A vivid scarlet which does not fade.

***Silver Moon.** Large; creamy white.

75 cts. each; $8 per doz.

POLYANTHA OR BABY ROSES

Compact plants producing trusses of small flowers from early June until frost.

Baby Rambler. Light crimson sort with fine heads of small flowers.

Cecile Brunner (Sweetheart Rose). Soft rosy pink.

Gloria Mundi. Brilliant orange-scarlet.

Sparkler. Brilliant sparkling red.

85 cts. each; $8.50 per doz.

SHRUB ROSES

Valuable as individual specimens, among shrubs, or as an everblooming hedge. Perfectly hardy.

F. J. Grootendorst. Bright crimson.

Pink Grootendorst. Clear pink.

85 cts. each; $8.50 per doz.

MOSS ROSES

Characterized by the mossy covering which surrounds the buds.

Blanche Moreau. Large; pure white.

Crested Moss. Rose-pink.

Henri Martin. Crimson.

85 cts. each; $8.50 per doz.

NOTE. All Potted Roses are sent by Express, collect. Dormant Roses are sent by Parcel Post. One plant 10c; each additional plant, add 3c.

SPECIAL ROSE OFFER No. 1

5 Everblooming Roses (dormant stock) for $2. 1 each of the following 5 varieties:

CALEDONIA — RADIANCE. (Pink)
MRS. E. P. THOM — RED RADIANCE
TALISMAN

See inside back cover for Special Offer No. 2

Quality Vegetable Seeds

ASK FOR PRICES IN QUANTITY

ARTICHOKE

Green Globe. Sow seed in March or April and protect from frost. Set in open, in rows 4 feet apart and 2 feet apart in rows. Has deep green foliage with globe-shaped, edible buds. **Pkt. 10 cts.; oz. 45 cts.; ¼lb. $1.35, postpaid.**

ASPARAGUS

Sow 1 ounce of seed to 40 feet of row

This is one of the earliest spring vegetables, and should be in universal use. Instead of being difficult to grow, it can be produced as cheaply and easily as any vegetable.

Culture. Sow the seed in the seed-bed late in the fall or the early spring, as soon as the ground can be worked, in drills 1 foot apart, covering the seed about 1 inch deep. When the plants are 4 to 5 inches high, great care should be exercised to keep the bed free of weeds.

Pedigree Mary Washington. Rust-resistant. It is dark green and the best of all Asparagus. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1, postpaid.**

Asparagus Roots. A bed 12 x 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family; 8,000 roots will plant an acre. Select good loamy soil, plow deeply, put in a liberal quantity of manure and 100 pounds of Kainit to 1,000 square feet of bed. Incorporate thoroughly, and then make a trench 8 inches deep, setting plants 15 inches apart. In field-culture, rows are placed 4 feet apart. **$1.25 per 100; $9.50 per 1,000.** (Postage extra.)

Asparagus

BEANS

Dwarf or Bush

One pound is about 1 pint; 2 pounds, about 1 quart; 15 pounds, about 1 peck

WAX-PODDED

Culture. Select light, warm soil and plant in the spring, when danger from frost is past, in drills 2 to 2½ feet apart, dropping the Beans about 6 to 8 inches apart in the drills, and covering 2 inches deep. A succession of sowings can be made from the first week in May until August.

Dwarf Prolific Black Wax. Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.

Improved Rustproof Golden Wax. A handsome and hardy variety with long, straight pods thicker than usual and of superior quality. It is absolutely rustproof and has already gained great popularity. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

New Pencil-Pod Wax. Very early and productive. Pods long, straight, handsome, light golden yellow. Strong and vigorous bush. One of the best varieties. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Sure-Crop Stringless Wax. Recently introduced by the largest Bean-grower and originator of new varieties in this country. Entirely stringless, black-seeded, thick, flat yellow pods. The most desirable sort for canning. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

SHELL BEANS

Dwarf Horticultural Stringless. A green-podded variety which is one of the best Shell Beans there is. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Improved White Navy. An improved type of this well-known and popular field-crop Bean. An extra-heavy producer. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. 90 cts.; 10 lbs. $1.65, postpaid.**

White Marrowfat. A favorite variety. One of the best dry Beans for winter use. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. 90 cts.; 10 lbs. $1.65, postpaid.**

GREEN-PODDED

Burpee's Stringless Green-Pod. One of the earliest varieties. Pods round and full, absolutely stringless, of beautiful fleshy appearance, and excellent quality. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 50 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

Extra-Early Bountiful (Flat Green-Pod). A prolific and continuous bearer—the first in the spring, the last in the fall. Absolutely stringless, very tender, and of delicious flavor. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Full Measure. Stringless, green-podded, round Bean. A heavy yielder. Best of quality. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Giant Stringless Green-Pod. Strong growth, and very productive. Pods 5 inches long, light green, slightly curved, very meaty, brittle, stringless at all stages and of mild flavor. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 50 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

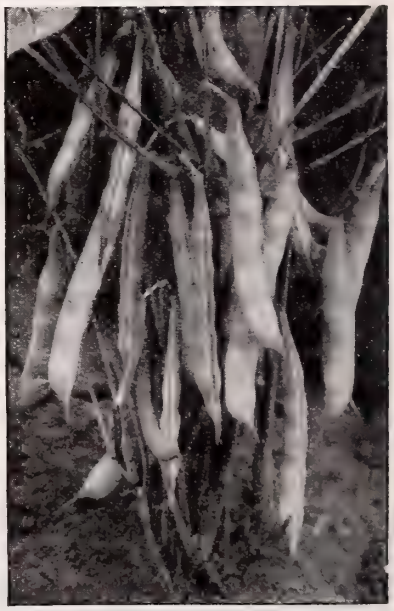
G. & T. Co.'s Extra-Early Red Valentine. Ten days earlier than the ordinary Red Valentine, and, without doubt, the very best earliest green snap-short Bean. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Long Yellow Six Weeks. Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.

New Stringless Green-Pod or Tender Green. Long, dark green pods, nearly round and stringless. Very productive, hardy, and a sure cropper. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Stringless Black Valentine. Practically as early as the old-time Stringless Black Valentine. Beautiful, round pods. Fine for early market. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Tennessee Green-Pod. Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.



Improved Golden Wax Beans

POLE LIMA BEANS

One pound is about 1 pint; 2 pounds, about 1 quart; 15 pounds, about 1 peck

Culture. Set the poles 3 to 4 feet apart and plant 6 to 8 Beans, with the eyes downward, around each pole, thinning to 4 healthy plants when they are up. They require the same soil and treatment as the dwarf varieties.

Carolina or Sieva. A seedling variety of Large White Lima, with small pods about 2 inches long. A little earlier and hardier. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**

Carpinteria. The newest large Pole Lima. Enormously prolific. Early, green, and of delicious flavor. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**

LIMA BEANS

One pound is about 1 pint; 2 pounds, about 1 quart; 15 pounds, about 1 peck

BUSH

CULTURE. Plant in rows 3 feet apart, dropping the Beans 8 to 12 inches apart and covering 1½ to 2 inches deep. If planted in hills, make the hills 3 feet apart one way and 2½ feet the other, and plant 4 Beans in a hill. Hoe often, but only when the leaves are dry.

Burpee's. Bushes grow 18 to 20 inches high and 2 to 3 feet in diameter. An immense yielder, each bush bearing 50 to 200 handsome, large, well-filled pods. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

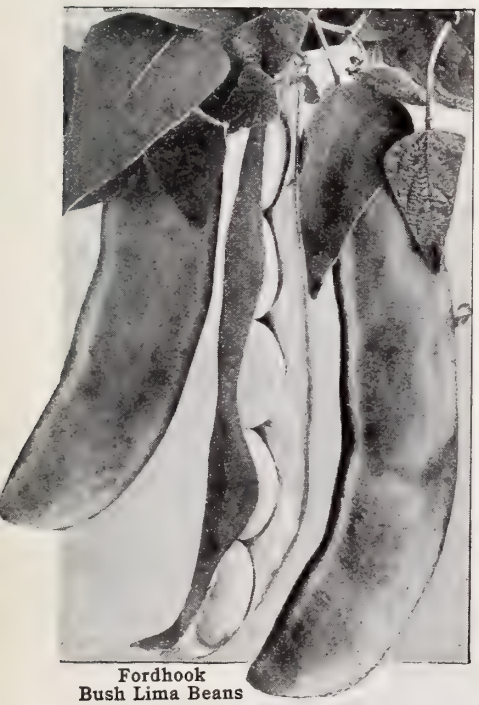
Burpee's Improved. Will outyield Burpee's Bush Lima by fully one-third. This greater yield is due to the increased size of both pod and Beans. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**

Dreer's. Dwarf variety of Dreer's Improved Lima. Very prolific, single plants often producing 150 to 200 pods. Equal in quality and tenderness to Dreer's Pole Lima. **Pkt. 10 cts.; lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $1.85; 10 lbs. $3.45, postpaid.**

Early Giant. A true Bush Lima Bean, having all the qualities of the old pole varieties. Pods contain 4 large, thick Beans of superb quality. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**

Fordhook. An improved dwarf Lima, vigorous and erect-growing, bearing well above the ground. Pods are produced in large clusters, each containing 3 to 5 large Beans of exceptionally fine quality. **Pkt. 10 cts.; lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $1.85; 10 lbs. $3.45, postpaid.**

Henderson. A valuable, dwarf variety which can be planted close together. Very early and prolific, continuing to bear until frost. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**



Fordhook Bush Lima Beans

Challenger or **Dreer's Improved.** A popular Bean superior in quality and productiveness. When green it is as large as the Large Lima, thicker, sweeter, and more tender and nutritious, remaining green in the pod for a long time after maturing. **Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 5 lbs. $1.35; 10 lbs. $2.50, postpaid.**

Early Leviathan (Henderson's). The very earliest Lima. A strong grower, clinging well to the poles, and is a sure cropper. The pods hang out from the foliage in large clusters and contain 3 or 4 and sometimes 5 large Beans to the pod. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**

Giant-Podded. The Large-podded Pole Lima Bean. Pods measure 7 to 8 inches long and nearly 2 inches wide, and are produced in clusters of 4 to 7. Fine quality and enormous yielder. **Pkt. 10 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.30; 10 lbs. $2.40, postpaid.**

King of the Garden. A vigorous grower, setting its Beans early at bottom of pole, producing continuously to the end of the season, and bearing pods 5 to 7 inches long, in clusters of 4 and 5, with 5 or 6 Beans in a pod. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

New Potato. A new Potato Pole Lima, much larger and more productive than Challenger. The best of the Potato Limas. **Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 5 lbs. $1.35; 10 lbs. $2.50, postpaid.**

POLE OR RUNNING

Dutch Caseknife. Best for home use as a late Shell Bean. Grows 4 to 5 feet high. Pods very flat. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.10; 10 lbs. $1.85, postpaid.**

Kentucky Wonder or **Old Homestead.** A very prolific sort, bearing large clusters of green pods, often 9 to 10 inches long, which are nearly round when young, and very crisp. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 50 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

Lazy Wife. Large, pale green pods, very thick-meated, stringless, rich, tender and buttery. Ripens early. Enormously productive. Splendid as either a Snap or Shell Bean. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 50 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

Worchester Horticultural or **Mammoth** or **King.** Largest podded and seeded of the Horticultural Beans. Seeds like London Horticultural in color, but larger. Requires 73 days from planting to picking. **Pkt. 10 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 5 lbs. $1.35; 10 lbs. $2.50, postpaid.**

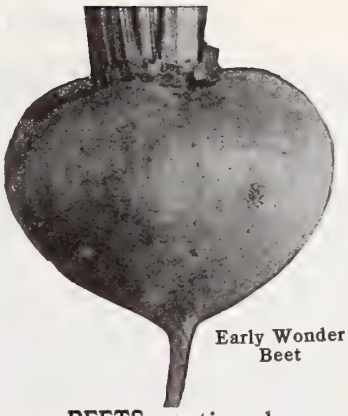
Speckled Horticultural, Cranberry, or **Wren's Egg.** An old favorite for both snap-shorts and dry Beans. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 50 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

BEETS

Sow one ounce of seed to 100 feet of drill

CULTURE. Select a deep, rich sandy loam and manure with well-decomposed compost or a good chemical fertilizer. Sow in drills, 14 to 16 inches apart, and cover 1 inch deep. When the young plants appear, thin to 4 or 5 inches apart. For early use, sow as soon as the ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, during June or July, according to the variety—the long varieties requiring more time to mature than the round early kinds.

Crosby's Improved Egyptian. A very superior strain of the well-known Egyptian, carefully selected, blood color, of quick, rapid growth. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**



Early Wonder Beet

BEETS, continued

Detroit Dark Red Turnip Beet. This is one of the finest formed and handsomest colored Beets on the market. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Early Wonder. Early, red, with short tops, fine for bunching. Uniform size, slightly oval, and deep blood-red; slim tap-roots, fine grain, tender, and sweet. Never gets stringy or woody. **Pkt. 10c.; oz. 15c.; ¼lb. 30c.; ½lb. 50c.; lb. 90c., postpaid.**

Eclipse. An extra-early Beet remarkable for its fine quality and rapid growth. It is of deep red color and handsome shape. Unrivaled as an early market sort, and of superior quality for the table. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Extra-Early Flat Egyptian. This is a flat Beet, very early, and of deep red color; owing to the small top, it can be planted very close. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

G. & T. Co.'s Early Blood Turnip Beet. This is our Special Stock of Early Blood Turnip Beet, which we have been growing for a number of years, and which the market gardeners of Baltimore and other places prefer. It is of dark red color, handsome shape, and early. **Pkt. 10c.; oz. 15c.; ¼lb. 30c.; ½lb. 50c.; lb. 90c., postpaid.**

STOCK-FEEDING BEETS

Mangel-Wurzel

Sow 4 pounds of seed to the acre

CULTURE. Stock Beets grow larger than any other Beets, and hence require more room. They should be sown from April to June, in drills 2½ feet apart, and the plants thinned to 12 to 15 inches in the row. The attention of farmers to the growing of Beets for stock-feeding has rapidly increased.

Champion Yellow Intermediate or **Gate-Post Mangel.** One of the very best. With good cultivation will crop at the rate of 200 bushels per acre. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $2; 10 lbs. $3.50, postpaid.**

Giant Half Sugar Rose. Very large, wedge-shaped; flesh white and of high quality. Rose-colored top. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $2; 10 lbs. $3.50, postpaid.**

Golden Tankard Mangel. The best type of Mangel—small top, smooth rich skin, broad shoulders, very solid fleshed, golden stemmed, heavy producer. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $2; 10 lbs. $3.50, postpaid.**

Mammoth Long Red Mangel. The well-known, large, long variety. It grows well out of the ground and is light red. Very productive. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 30 cts.; lb. 50 cts.; 5 lbs. $2; 10 lbs. $3.50, postpaid.**

BORECOLE

See Kale, page 32.

CABBAGE

Sow 1 ounce of seed to 100 feet of row, for plants

Culture. Cabbage will thrive on any good corn-land, though the stronger the soil the better they will develop. Plow deeply and manure very liberally, as Cabbage is a strong feeder, and will repay the care bestowed on it. The early sorts bear planting from 18 inches to 3 feet apart in the rows, with the rows from 2 to 2½ feet apart, the distance varying with the size. For early use, sow in a hotbed in February or March. In April the plants may be set out in the rows. For late crop, sow in May or June, and transplant as soon as the plants are 5 to 6 inches high. The ground should be thoroughly cultivated every week until the plants meet in the rows.

EARLY VARIETIES

Early Dwarf Flat Dutch. An old standard variety which stands the sun and produces fine, large heads, coming in soon after the Wakefield. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

Early Winnigstadt. Small, pointed, solid heads. Excellent for home use or market. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.; ½lb. $1.35; lb. $2.40, postpaid.**

Extra-Early Express. Firm, pointed heads of good size. A good producer. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.; ½lb. $1.35; lb. $2.40, postpaid.**

Extra-Early Jersey Wakefield. Identical to the Jersey Wakefield, but smaller and about a week earlier. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.; ½lb. $1.35; lb. $2.40, postpaid.**

Golden Acre. This new, round, extra-early variety is earlier than Jersey Wakefield. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.10; ½lb. $1.90; lb. $3.25, postpaid.**

SECOND-EARLY VARIETIES

Allhead Early. The largest of all early Cabbages, fully one-third larger than Early Summer. It is the nearest approach to a thoroughbred Cabbage of any variety, both in size and uniform development. As the Allhead comes in quicker than any of the other flat Cabbages, it is consequently more tender. It is also valuable for a late or winter Cabbage. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

All-Seasons. Large, solid heads weighing 9 to 10 pounds each. Withstands drought and heat well. A good keeper. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

Charleston Wakefield. Has all the characteristics of the Jersey Wakefield, but is larger and five to six days later. The heads are fully one-half larger and quite solid. It is very compact in growth, and can be easily planted in rows 2 feet apart and 20 inches apart in the rows. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. $1; ½lb. $1.75; lb. $3, postpaid.**

Copenhagen Market. A new, round-headed, solid Cabbage introduced from Denmark. It is, without doubt, the finest large round-headed early Cabbage in cultivation. As early as Jersey Wakefield. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.; ½lb. $1.35; lb. $2.40, postpaid.**

Early Jersey Wakefield. The very best early Cabbage, and grown more extensively by market gardeners than any other variety. Heads are pyramidal, very large and solid, and having but few outside leaves, the plants can be set close together. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 85 cts.; ½lb. $1.45; lb. $2.50, postpaid.**

Jersey Queen. *Wilt-resistant.* Pointed, resembling Jersey Wakefield as to shape, season, and quality. **Pkt. 15 cts.; oz. 60 cts.; ¼lb. $1.75; ½lb. $3; lb. $5.50, postpaid.**

Marion Market. *Wilt-resistant.* Resembles Copenhagen Market as to shape and season. **Pkt. 25 cts.; oz. $2, postpaid.**

Succession. A fine early variety; coming in a few days later than Early Summer, it does well at all seasons, and one is almost sure of getting a crop, no matter when it is planted. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

Wisconsin All-Seasons. *Wilt-resistant.* Like the old-time All-Seasons. **Pkt. 15 cts.; oz. 60 cts.; ¼lb. $1.75; ½lb. $3; lb. $5.50, postpaid.**

Early Jersey Wakefield Cabbage

MAIN-CROP VARIETIES

Danish Ballhead. Large, round, solid-heading, medium-early variety; a sure header, having few loose leaves, consequently can be planted very close together. Although a medium early, can also be grown for a fall and winter crop, being one of the best keepers. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.; ½lb. $1.35; lb. $2.40, postpaid.**

Perfection Drumhead Savoy. The heads are large and solid, the leaves beautifully curled, and in tenderness and flavor it is almost equal to cauliflower, while its keeping quality is first class. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 80 cts.; ½lb. $1.35; lb. $2.40, postpaid.**

Premium Large Flat Dutch. The head is broad, thick, and flat, well covered in by leaves lapping across the center, outside leaves feathered to the base of the leaf-stem. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

Red Dutch. The head is round, large, solid, and a deep red color. The best of the red Cabbages. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

Surehead. This popular Cabbage is rightfully named Surehead, as it never fails to make a fine, large, solid head, with few outer leaves. Always brings the highest price in our markets. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2.25, postpaid.**

CHINESE or CELERY CABBAGE

Sow seed early in August for best results. Produces heads in 70 to 80 days.

Pe-Tsai. Resembles Cos lettuce as much as Cabbage, although it has a Cabbage flavor. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2, postpaid.**

Wong Bok. Makes heads 8 to 10 inches high. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; ½lb. $1.25; lb. $2, postpaid.**

Cabbage and other Vegetable Plants on page 41. Hotbed Sash, Glass and Mats on page 45.

BROCCOLI

Culture. Sow seed in open ground and get plants in field in July or August. After the center head is cut, it will produce side-shoots with a smaller head. One of the best on account of its succulent asparagus flavor.

Italian Calabrese Green Sprouting. Produces small heads on order of cauliflower, and is one of the latest and newest kinds. See illustration. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. $1.10; ½lb. $1.90; lb. $3.50, postpaid.**

Italian Broccoli

BRUSSELS SPROUTS

Sow 1 ounce of seed to 100 yards of row

Brussels Sprouts are used in the fall and early winter and by some are considered more tender and delicious than any cabbage. The plant resembles the cabbage, the edible part being the numerous very small heads or sprouts 1 to 2 inches in diameter formed on the stalk at each leaf-joint. The culture is the same in all essentials as for cabbage, except that the leaves should be broken down in the fall to give the little heads more room to grow.

Long Island Improved. A fine variety grown on Long Island for the New York market. Solid heads of delicious flavor. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.; ½lb. $1.50; lb. $2.50, postpaid.**

CARROTS

Sow 1 ounce of seed to 100 feet of row

CULTURE. Carrots thrive best in a rather light, rich loam. The ground should be well manured with fine, well-rotted or composted manure, and be thoroughly worked quite deep. Sow from middle of April to middle of May, in rows 14 inches apart, and thin the plants to 5 to 6 inches in the row. For late crops, sow in June or July. An important point is to tread the rows firmly after sowing. For field-culture, Carrots should be sown in drills 3 to 3½ feet apart, so as to allow horse-cultivation.

Chantenay. A most excellent, medium-early variety. Medium-sized, uniformly half-long or stump-rooted, but tapering slightly, smooth, deep orange-red in color. Its flesh is very crisp and tender. Extensively used for bunching. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Chantenay, Improved Red-Cored. Large, thick, stump-rooted, orange-red Carrot of excellent quality and with core hardly distinguishable. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Early Scarlet Horn. The earliest variety in our list. Blunt-pointed, about 3 inches long, 1½ inches thick, very fine-grained, sweet-flavored; deep rich orange color. Fine for bunching. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Danvers Half-Long. A decided acquisition of the half-long type, broad-shouldered, cylindrical, admirable in color, fixed in habits. A wonderful producer. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Improved Long Orange. Deep orange; long, smooth. Fine for either garden or field culture. All who have cattle should raise a surplus of this Carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 85 cts., postpaid.**

Chantenay Carrots

Half-Long Nantes or **Coreless.** Well-shaped, uniform, orange-scarlet roots 6 to 7 inches long. Flesh tender, sweet, and practically coreless. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 75 cts.; lb. $1.25, postpaid.**

Oxheart or **Guerande.** One of the heaviest yielders and the best for stiff and heavy soils. The roots are often 3 to 3½ inches thick at the top and nearly oval in shape. Flesh is bright orange, fine-grained, and sweet. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 85 cts., postpaid.**

CAULIFLOWER

CULTURE. The same as for cabbage, except that extra manure and plenty of water will pay upon Cauliflower.

Extra-Early Snowball. Our stock of this well-known variety is unexcelled. It is one of the best sorts for open ground or forcing under glass. **Pkt. 25 cts.; large pkt. 50 cts.; oz. $2, postpaid.**

G. & T. Co.'s Drought-Resisting. Withstands hot, dry weather and produces large, solid, white heads from 7 to 8 inches in diameter. Ready for market about 67 days after setting. **Pkt. 25 cts.; large pkt. 50 cts.; oz. $2.25, postpaid.**

G. & T. Co.'s Large Gilt-Edge Snowball. Large, very thick heads, 7 to 8 inches in diameter. Compact grower, allowing more plants on the same ground. Ready for market in about 60 days. **Pkt. 25 cts.; large pkt. 50 cts.; oz. $2.25, postpaid.**

Select Early Dwarf Erfurt. Long the standard of highest excellence, and still holding its own. **Pkt. 25 cts.; large pkt. 50 cts.; oz. $2, postpaid.**

CELERIAC

Large Smooth Prague. One of the smoothest and best of the Celeriacs. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Giant Prague. An extra-large variety of high quality. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

CELERY

One ounce of seed will produce 2,000 plants

Celery plants available during July and August. Write for prices.

CULTURE. Plant seed in hotbed or very early in open ground. When plants are 3 inches high, transplant 4 inches apart, in rich soil, finely pulverized; water and protect until well rooted. In June or July transplant into rows 3 to 4 feet apart, either on surface or well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from 6 to 8 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the top of the center shoots.

Easy-Blanching. A second-early variety. Stalks are thick, solid, unusually meaty, pure white, heavy, crisp, and of extra-fine quality. A valuable variety for fall, winter, and early spring use. Easily blanched. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Giant Pascal. Grows about 2 feet high and the stalks are very broad, thick, and crisp, with a fine nutty flavor. The width and thickness of these are distinctive features of this variety. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Golden Plume or **Wonderful.** Much better than White Plume in appearance, crispness, and fine nutty flavor, though somewhat earlier, larger, and of ranker growth. Blanches quickly, with full heart and rich, golden yellow color. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; ½lb. $1.85; lb. $3.50, postpaid.**

Golden Plume Celery

Golden French Self-Blanching. Very early and entirely self-blanching. The beautiful appearance of the plant, its close habit, compact growth, straight, vigorous stalks, solid, crisp, brittle ribs, fine quality, and delicious flavor commend it to all lovers of Celery. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; ½lb. $1.85; lb. $3.50, postpaid.**

Winter Queen. A valuable variety of Celery for winter and spring use, with double the amount of heart of any known Celery. Ribs perfectly solid, crisp, and of delicious nutty flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

White Plume. An early, handsome, self-blanching variety, growing in popularity every year. Like the Golden Self-blanching, it requires very little earthing up to blanch it, and as a Celery for fall and early winter use it is unsurpassed. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

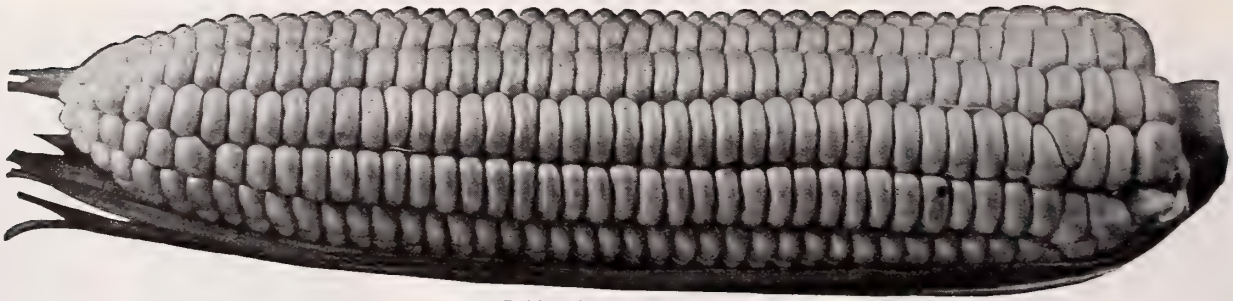
CELERY SEED

Celery Seed (for flavoring). This seed is used for flavoring pickles, soups, etc. **Oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.**

GEORGIA COLLARDS

Called the "Cabbage Collard" on account of its close, bunching growth. The plant produces center leaves generally perfectly white, though sometimes dashed with pink. It is a very delicate vegetable and of the finest quality. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 45 cts.; lb. 75 cts., postpaid.**

Sweet Corn Should Be on the Table 20 Minutes After It Is Cut



Golden Cross Bantam Corn

CORN for Table Use

One pint weighs about ⅞ pound; 1 quart, about 1¾ pounds; 1 peck, about 14 pounds

CULTURE. Sugar Corn may be planted in rows 3 to 4 feet apart, and the seeds placed about 18 inches apart in the rows, or planted in hills 3 to 4 feet apart each way, according to variety grown or richness of soil. Do not let more than two or three plants remain in each hill. It can be planted in this vicinity from first of May to last of July for succession of crop. By planting every two weeks a family may have good Corn throughout the whole season.

EXTRA-EARLY VARIETIES

Not a Sugar Corn but makes fine roasting-ears from early planting.

Dwarf Extra-Early Adams or **First Early Neck.** By far the earliest roasting-ear Corn we have. Can be planted in April without injury, as it is very hardy. **Pkt. 10 cts.; ½lb. 15 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. 95 cts.; 10 lbs. $1.75, postpaid.**

Ideal Adams or **Big Early Adams.** *New.* A large and improved Early Adams Corn grown largely in the South. **Pkt. 10 cts.; ½lb. 15 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. 95 cts.; 10 lbs. $1.75, postpaid.**

EARLY VARIETIES

Barden's Wonder Bantam. A yellow Sugar Corn with all that the name implies, making ears up to 9 inches long; sweet and of good flavor. Matures only about a week later than Golden Bantam. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

Black Mexican. A tall grower with 8-inch ears of high-quality Corn having a purplish tinge. Extra sweet. **Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.50; 10 lbs. $2.75, postpaid.**

Delicious Truckers' Favorite. Not a true Sweet Corn, but used extensively for the market. It is also fine for roasting-ears. **Pkt. 10 cts.; ½lb. 15 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. 95 cts.; 10 lbs. $1.75, postpaid.**

De Lue's Golden Giant. Stalks grow 4½ to 6 feet tall and carry two or three good ears, 7 to 9 inches long; cob of small diameter, with 12 to 20 rows of long, deep kernels of deep orange color. The husk is very heavy, affording the end protection from worms and birds. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

G. & T. Co.'s Truckers' Early. A most desirable Sugar Corn for truckers and home use. Matures in about 85 days, producing ears 7½ to 9 inches long. This variety is becoming more popular every year. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

Golden Cross Bantam. The newest golden yellow Sweet Corn. Large, early, and prolific. **Pkt. 15 cts.; ½lb. 35 cts.; lb. 60 cts.; 2 lbs. $1.10; 5 lbs. $2.25; 10 lbs. $4.25, postpaid.**

Golden Bantam. The earliest and most popular Sugar Corn. It is of golden color and delicious flavor. Can be planted earlier than the other varieties of true Sweet Corn, as it is very hardy. Grows 4 feet high, producing two or three good ears 5 to 6 inches long. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

Howling Mob. One of the best-flavored and most tender of all second-early white Sweet Corns. Ears measure from 7 to 9 inches in length and are closely set with 12 or 14 rows of large, pearly white grains. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

Whipple's Early White. Of remarkable size, considering its earliness. Ears 8 inches long with 16 to 20 rows of rather narrow deep grains. Excellent quality. Very desirable for market gardeners. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

MAIN-CROP VARIETIES

One bushel weighs 44 pounds

ASK FOR PRICES IN QUANTITY

Country Gentleman. The sweetest and most delicious flavored of all Sugar Corns. It is the finest variety for the table, and will delight the most fastidious epicure. It produces three or four ears to the stalk, and retains its greenness longer than other sorts. **Pkt. 10 cts.; ½lb. 20 cts.; lb. 35 cts.; 2 lbs. 65 cts.; 5 lbs. $1.35; 10 lbs. $2.35, postpaid.**

Ask for Prices in Quantity

Stowell's Evergreen. So well known that it scarcely needs description. Excellent; keeps green till cold weather; ears large; one of the best. **Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.50; 10 lbs. $2.75, postpaid.**

White Evergreen. Has ears as large as Stowell's and is 5 days earlier. Grains pure white. A valuable acquisition for the gardener and canner. **Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.50; 10 lbs. $2.75, postpaid.**

Zigzag Evergreen. This is one of the sweetest and best late Sweet Corns. Resembles Stowell's Evergreen in size and shape, except that the kernels are placed irregularly or zigzag upon the cob. **Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.50; 10 lbs. $2.75, postpaid.**

CORN SALAD

Sow 3 ounces of seed to 100 feet of row

A favorite salad plant, and very hardy. Sow in August or September, and protect with leaves during the winter; it can be gathered very early in the spring. Sown in April, it is soon ready for use. The leaves are sometimes boiled and served as spinach. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 65 cts.; lb. $1.25, postpaid.**

CURLED or PEPPER GRASS

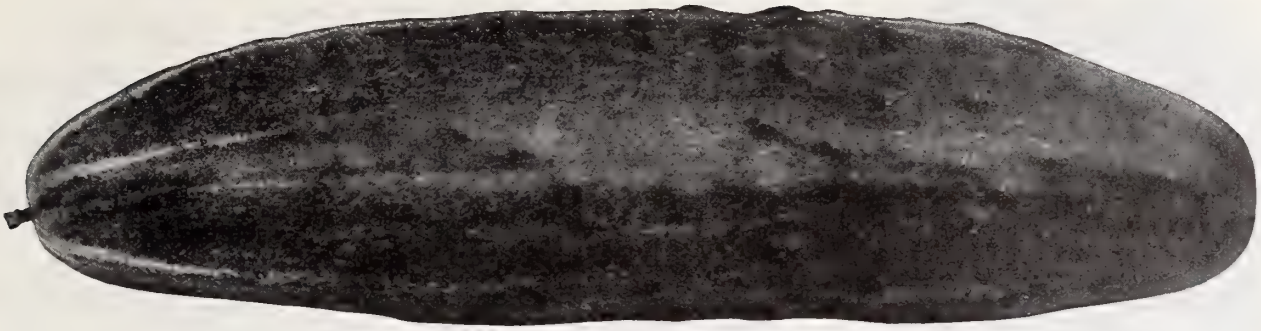
Used as a small salad. Sow very thickly in shallow drills, on a smooth surface, at short intervals throughout the season. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 45 cts.; lb. 75 cts., postpaid.**

CRESS

Upland. Sow in August, in drills 18 inches apart, to get a spring crop. Used largely for salads. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 95 cts.; lb. $1.75, postpaid.**

Water. Water-Cress may be grown along the margin of running streams, ditches, or ponds, and has a ready sale in the hotels and markets. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.; ½lb. $1.70; lb. $3.25, postpaid.**

Stowell's Evergreen Corn



CUCUMBERS

Sow 1 ounce of seed to 50 hills; 2 pounds to an acre

CULTURE. For very early Cucumbers, sow April 1 in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground in rich soil when danger of frost is over, or protect by hand-glasses. The vines require a warm location for early Cucumbers. Plant after the ground has become warm, in hills 4 feet apart for the smaller varieties and 5 feet for the larger sort. For pickling, sow from middle of June to last of July. Manure with wood-ashes, fertilizer, or some well-rotted compost, working the manure just under the surface. Sprinkle the vines with Slug-Shot plaster, or air-slaked lime to protect from bugs. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness.

Black Diamond. Very dark green, handsome fruits of medium to large size. A prolific variety used extensively for shipping to northern markets. Fine, crisp, and tender. Excellent for slicing. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 85 cts.; lb. $1.50, postpaid.**

Clark's Special or **Imperator.** *New.* Handsome dark green fruits, 9 to 10 inches long, slightly tapering at both ends. Ideal for slicing, the flesh being clear white, crisp, and firm with few seeds. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 85 cts.; lb. $1.50, postpaid.**

Early Cluster. A short prickly variety, bearing in clusters near the root. Good bearer. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Early Fortune. A dark green, white-spine Cucumber. Extremely early and of beautiful shape. Good for market gardeners, truckers, or private family. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Early Green Prolific. A very productive variety with fruits of good length and handsome form. Desirable for producing pickles of medium size. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Everbearing. Of small size, very early, enormously productive and extremely valuable as a green pickler. The vines continue to flower and produce fruit until killed by frost. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Improved Baltimore White Spine. Will retain its green color longer than any other sort. Of good size and shape, and the popular variety with truckers around Baltimore and Norfolk, as well as with the growers from Virginia to Florida. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Improved Long Green. Deep green skin and solid, crisp flesh of fine quality. We have the very best strains of this variety and recommend it. Vigorous and productive. Mature fruit is almost 12 inches long. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 85 cts.; lb. $1.50, postpaid.**

Jersey Pickling. The most popular pickling sort with the market gardeners. Said to green better than any other variety. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Burr (West India Gherkin). An extremely small-fruited variety, grown exclusively for pickles. Is very prickly, but tender and crisp if pickled when young. Seed germinates slowly. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

ENDIVE

One of the best salads for fall and winter use. Sow 1 ounce of seed to 150 feet of row

CULTURE. For early use, sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and then thin plants to 6 or 8 inches in row. To blanch the leaves, gather them carefully together when perfectly dry and tie them with soft fibrous material.

Broad-Leaved Batavian (Escarolle). Used mostly for soups and stews. Must be tied up for blanching. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1.10, postpaid.**

Green Curled (Green Ribbed). The leaves of this variety are finely divided, giving a mossy appearance. Center tends to blanch to a delicate white. Especially good for fall and winter use. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1.10, postpaid.**

Green Curled Endive

EGGPLANT

One ounce of seed will produce about 1,000 plants

CULTURE. Sow the seed in hotbeds early in March. When 3 inches high, pot the young plants, using small pots, and plunge them in the same bed so that the plants will become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June, or they can be transplanted into a second bed to make them strong until the weather is warm enough to transplant them about 3 feet apart each way in a thoroughly worked and well-enriched soil.

G. & T. Co.'s Baltimore. Popular for market and home use. Produces 4 to 8 large, well-formed, glossy, black-purple fruits. Marketable in about 83 days from day plants are set. **Pkt. 10 cts.; oz. 45 cts.; ¼lb. $1.30; ½lb. $2.40; lb. $4.50, postpaid.**

Black Beauty. The earliest of all large-fruited Eggplants and produces fruit quite as large as the New York Purple in 10 days less time. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.20; ½lb. $2.20; lb. $4, postpaid.**

New York Improved Large Purple. This market-garden variety has large plants of strong growth and is very productive. The fruits are smooth, and deep purple. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.20; ½lb. $2.20; lb. $4, postpaid.**

FENNEL (Finocchio)

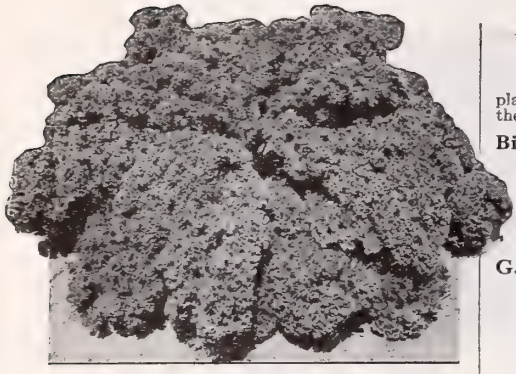
Florence Fennel is used largely by the Italian trade, in salads, soups, etc., for flavoring. It grows very branching, about 2 to 3 feet high, and has a dense, feathery foliage. **Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.; ½lb. $1; lb. $1.75, postpaid.**

HERBS

A well-assorted selection of the various kinds of Herbs should have a place in every garden. Their value in seasoning and flavoring is well known and appreciated. Sow in spring, in shallow drills, 1 foot apart, and, when well up, thin out or transplant to a proper distance.

	Pkt.	Oz.	¼lb.
Basil	$0 10	$0 25	
Borage. Fine for bees	10	20	
Caraway	10	25	
Catnip	10	50	
Chervil	10	30	
Chicory or **Witloof**	10	25	$0 50
Coriander	10	20	
Dill			
½lb. 50 cts.; lb. 85 cts.	10	15	30
Fennel, Florentine	10	25	
Horehound	10	40	
Lavender	10	40	
Marjoram	10	30	
Rosemary	10	40	
Sage, Broadleaf	10	30	75
Summer Savory	10	20	
Thyme, Broad-leaved English	10	40	1 25

All above prices postpaid



Kale

KALE or BORECOLE

One ounce of seed will sow a drill of about 200 feet

CULTURE. For early spring use, sow broadcast in August and protect during winter. It must be sown in April or May for later use.

Blue Double Curled Scotch. A superior sort of a fine bluish green color. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 90 cts.; 5 lbs. $4, postpaid.**

Dwarf Curled Norfolk or Scotch. Yellowish green foliage. Grows close to the ground and is spreading. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 90 cts.; 5 lbs. $4, postpaid.**

Dwarf German or Siberian. Needs no description as it is a standard variety. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts.; 5 lbs. $3.30, postpaid.**

Extra Curled New American. An extra-curled, long-standing variety of a beautiful green color. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts.; 5 lbs. $3.30, postpaid.**

G. & T. Co.'s Improved Dwarf Blue. Finely curled blue-green leaves on plants 16 to 20 inches high. Ready to use 54 days from planting. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 30 cts.; ½lb. 55 cts.; lb. $1; 5 lbs. $4.25, postpaid.**

Semi-Dwarf Moss Curled (Borecole). Spreading plants with finely curled leaves. Sow seed in May, transplant in July, and treat same as Savoy cabbage. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 85 cts.; lb. $1.50, postpaid.**

Spring Smooth or Hanover Salad. A fast-growing, smooth-leaved variety called Hanover Kale. **¼lb. 10 cts.; ½lb. 20 cts.; lb. 30 cts.; 2 lbs. 50 cts.; 5 lbs. $1, postpaid.**

Tall Green Curled Scotch. Upright, with narrow, fine-curled leaves 3 to 4 feet high. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 90 cts.; 5 lbs. $4, postpaid.**

KOHLRABI

Sow 1 ounce of seed to 100 feet of row

Improved White Vienna. Bulb light green, symmetrical in form; flesh white, fine in texture. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1; lb. $1.75, postpaid.**

LEEK

Sow 1 ounce of seed to 150 feet of row

CULTURE. Select good onion soil, manure liberally, plant in April in drills 6 to 8 inches deep and 18 inches apart, and thin to 9 inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October.

Extra-Large Mammoth. Best variety for general culture. **Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; ½lb. $1.40; lb. $2.25, postpaid.**

LETTUCE

CULTURE. Lettuce requires rich, rather moist soil. The rows should be about 12 inches apart, and the plants thinned to 10 to 12 inches apart for the leading varieties. The more rapid the growth, the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth.

Big Boston. A most desirable sort either for forcing in coldframes or planting in open ground. Is popular with truckers, as it makes large, solid, salable heads. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

G. & T. Co.'s Black-Seeded Summer. A cabbage-type Lettuce remaining unusually long before going to seed. Light green leaves, crisp and tender. Requires about 70 days to mature. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; ½lb. 80 cts.; lb. $1.40, postpaid.**

Early Curled Simpson. (Black seed.) Very early. Excellent for salads. Forms a compact mass of leaves. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Early Curled Simpson or Silesia. (White seed.) Very light green, frilled, and crimpled leaves; crisp and of excellent flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

New York Lettuce

Early Prize Head. (White seed.) A large, clustering, non-heading Lettuce, most excellent for the home and garden. The leaves are finely curled and crumpled, bright green tinged with brownish red, and are very crisp, tender, and sweet. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Grand Rapids. This variety is considered by many the best loose-headed Lettuce for forcing under glass. Leaves medium size, of light yellowish green color, much crimpled and frilled, thin, but of very upright growth, crisp and tender. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

G. & T. Co.'s White-Seeded Summer. This is the best summer Lettuce yet introduced, and has even exceeded our expectations. It stands the heat well, has solid heads of crinkled leaves of excellent flavor. Matures in about 74 days from seeding. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 90 cts.; lb. $1.75, postpaid.**

Hanson. A reliable sure-heading sort. Makes a large, globular, light green head of excellent quality. A fine variety for summer planting, as it stands hot weather better than most sorts. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Iceberg. The heads are large, crisp, solid and tender, with pink tinge on edge. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

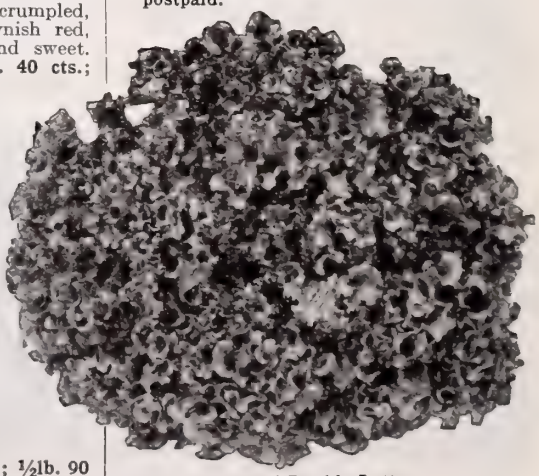
Improved Large-Loaf. Large, compact heads, of beautiful light green color, very tender and crisp. Unsurpassed for frame use, and is also an excellent outdoor Lettuce for fall or early spring. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

May King. A very early, new variety, forming fine, hard heads within a few weeks after planting. It is medium sized, light green, with buttery but crisp heads. There is just a faint tint of brown on the head. It is essentially a spring sort, and does well all summer. Of rapid growth, it is especially recommended for the home-garden. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

New York, Wonderful or Los Angeles. Erroneously called "Iceberg." It is grown largely in California and the West and shipped to the eastern markets under the name of "Iceberg." A crisp heading variety, producing very compact heads, with green leaves, slightly curled on edges. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 95 cts.; lb. $1.75, postpaid.**

Romaine or White Paris Cos. The best of the Cos or Celery varieties. Forms a large, light green plant with the head well folded and quite solid. Cos Lettuce is also called Romaine. It is highly prized in England and France. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

White Boston. Sometimes called Unrivaled. Fine light-leaf early Lettuce. A good header. No pink tips on end of leaves like the old Big Boston. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 95 cts.; lb. $1.75, postpaid.**



Grand Rapids Lettuce

See Page 41 for Vegetable Plants, Hotkaps and Mulch Paper

MUSKMELONS or CANTALOUPES

Sow 1 ounce of seed to 50 hills

CULTURE. Sow about the last of spring or the first of summer, in hills of light, rich, sandy soil, 4 feet apart, allowing but three plants to grow in each hill. After they have grown about a foot long, pinch off the points of shoots, which causes the vines not only to become stronger, but makes them produce lateral branches and prove more productive and mature earlier. It should not be grown near squashes, cucumbers, or pumpkins, as the flavor will be affected in consequence.

Acme or **Baltimore Nutmeg.** This green-fleshed melon has a handsomely netted rind. It is well known and popular with the truckers and market gardeners of Baltimore and is a leading sort all over the country. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Anne Arundel. One of the largest melons grown around Baltimore. They are heavily netted and ribbed with green flesh of delicious flavor. Fine for market or home use. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Banana. Melons are smooth and slender, resembling a banana. The flesh has a banana flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Bender's Surprise. Large, nearly round melons with pale green, netted skin. Fine-grained, deep orange flesh with a spicy flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Bottomly. A production of Anne Arundel County, Maryland, and one of the best Cantaloupes in existence. It is about a week later than Knight. The melons are of fair size, excellent flavor and beautiful form. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Early Netted Gem. Extensively grown, and many prefer it to all others for table use. Thick, light green flesh, of fine, luscious flavor. Skin green, regularly ribbed, and thickly netted. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Emerald Gem. Meat salmon-color, exceedingly sweet and delicious. Very early and prolific. One of the best for family use. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Extra-Early Hackensack. Skin netted; excellent green flesh. Very showy market variety and a fine keeper. Ten days earlier than the old Hackensack. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Hale's Best. Larger and 2 weeks earlier than Rocky Ford. Slightly ribbed, well netted. Thick salmon-colored flesh with a small seed-cavity. Sweet musky flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Hearts of Gold. Round, medium-sized melons, distinctly ribbed and thickly netted. Fine-grained, deep orange flesh of delicious, spicy flavor. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Honeydew. This new melon averages about 6½ inches in diameter. It has smooth, almost white skin, thin, tough rind, and is a good keeper. The flesh has a delicious flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

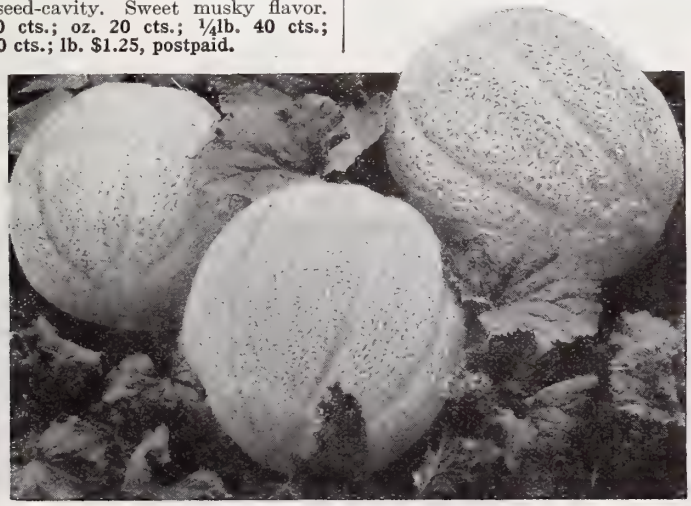
Improved Jenny Lind. A small, early variety of surpassing good quality, highly recommended for family garden. We consider this the most delicious Cantaloupe we have ever eaten. An abundant bearer. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Knight or **New Maryland.** Matures about a week earlier than the regular Rocky Ford, is larger, and makes a most attractive and salable melon. The thick, green flesh shades to orange at the center. Fruits are oblong in shape, well ribbed and well netted. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Long John. Grown extensively in Anne Arundel County. It is oblong, 7 to 11 inches long, deeply netted and ribbed, with green flesh of wonderful flavor, and small seed-cavity. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Paul Rose. The fruit is oval, about 5 inches in diameter, and in shape and general appearance similar to the well-known Netted Gem or Rocky Ford. The firm flesh is a rich orange-red color. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Rocky Ford. This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and highly flavored. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**



Bender's Surprise Cantaloupes

MUSHROOM SPAWN

American

Two pounds of spawn are sufficient for a bed 3 by 6 feet

CULTURE. Select fresh horse-manure, with straw bedding. Put in a flat pile and cover with 2 to 3 inches of good soil. In the course of 3 to 4 days, turn over and mix thoroughly. Moisten with water, pile up, and cover again with soil and allow the pile to heat. Turn again in 5 to 6 days and moisten as before. Repeat the above about four times, every 5 to 6 days. Put this mixture on floor about 8 inches deep in beds the size desired and pack down with shovel. When the heat rises to 100 degrees, wait until it recedes to about 70, then place the spawn. Keep same moist, make your bed in cellar, shed, pit, or some building that can be darkened.

Cake 25 cts., by mail 30 cts.; 10 lbs. $2.25 by freight or express

MUSTARD

Florida Broadleaf. Quick growing and very productive. The leaves are very large, slightly crumpled, medium light green. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 60 cts., postpaid.**

Ostrich Plume or **Fordhook Fancy.** Very dark green, plume-like leaves of tender quality and fine flavor. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 65 cts., postpaid.**

Southern Giant Curled. Highly esteemed in the South where the seed is sown in the fall and used in the spring as a salad. Our stock is the true curled leaf, and produces plants 2 feet high and of great breadth, forming enormous bunches. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 60 cts., postpaid.**

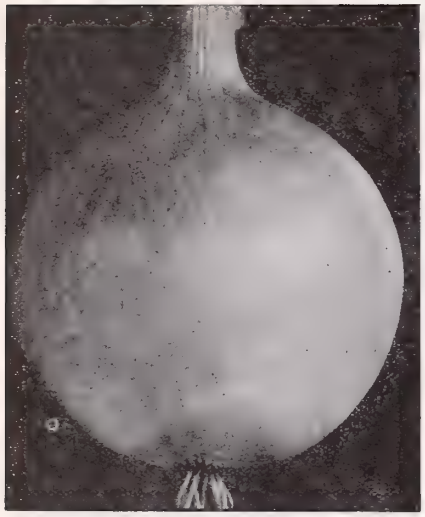
White Mustard Seed. For pickles. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 50 cts., postpaid.**

NASTURTIUM

CULTURE. Plant in May, the climbing varieties to cover arbor or fence, and the dwarf for beds or hanging-baskets. The leaves are used for salad, and the seeds, when soft enough to be penetrated by the nail, for pickles.

Dwarf Mixed. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Tall Mixed. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.** See page 13 for other varieties.



Yellow Globe Danvers Onion

ONION SEED

Sow 5 pounds of seed to the acre for large Onions

CULTURE (to grow large Onions from seed). Seed should be sown as early as possible in the spring, as Onions grow much better during the cool weather, and should make most of their growth before the hot weather sets in.

Australian Brown. A valuable long-keeping Onion. The outside skin is deep amber-brown, distinct from all other Onions. Extremely hard and firm, of fine flavor. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 95 cts.; lb. $1.75, postpaid.**

Prizetaker. A beautiful Onion of rich straw-color, and of enormous size. The flavor is mild and delicate. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; ½lb. $1.20; lb. $2.25, postpaid.**

Wethersfield, Large Red. Well-known and favorite sort. A large yielder and good keeper. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

White Silverskin or **Portugal.** A good variety for family use. Skin and flesh pure white; mild flavor; flat shape. The best white Onion. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 75 cts.; ½lb. $1.35; lb. $2.50, postpaid.**

Yellow Globe Danvers. A very handsome, round, yellow Onion. Large yielder and splendid keeper. The preferred sort with market gardeners and large growers all over the country. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 75 cts.; ½lb. $1.35; lb. $2.50, postpaid.**

ONION SETS

It requires 10 to 15 bushels of sets to plant an acre

CULTURE. Onion Sets require clean, very rich soil, which should be thoroughly cultivated, or they will not do well enough to pay for the trouble of planting them. Disturb the roots of the Onion as little as possible, either in thinning or hoeing, and never hoe earth toward them to cover or hill, as we do most other things.

Bottle Neck. **Qt. 30 cts.; 2 qts. 50 cts.; ½pk. 85 cts.; pk. $1.50, postpaid.**

Japanese or **Ebenezer, Red.** **Qt. 25 cts.; 2 qts. 45 cts.; ½pk. 80 cts.; pk. $1.40, postpaid.**

White. **Qt. 30 cts.; 2 qts. 50 cts.; ½pk. 85 cts.; pk. $1.50, postpaid.**

Yellow. **Qt. 25 cts.; 2 qts. 45 cts.; ½pk. 80 cts.; pk. $1.40, postpaid.**

Ask for prices on sets by the bushel (32 lbs.)

OKRA or GUMBO

CULTURE. Select a warm location and rich soil; plant when the ground becomes warm, in rows 3 feet apart, thinning plants a foot apart in the row. As the seeds are liable to rot in cool weather, they should be sown thickly. The pods are used to thicken soup, being gathered when young. It is one of the most wholesome vegetables in use.

Dwarf Green. This, the preferred kind with the growers, is of dwarf habit and very productive. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

White Velvet. Very distinct. The pods are perfectly round and smooth, of an attractive white velvety appearance, and of superior flavor and tenderness. They are extra large and produced in great abundance. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

PARSLEY

CULTURE. Select rich soil; sow the seeds in drills 1 foot apart, covering ½ inch deep. It would be well to firm the soil with the foot after sowing the seed. As the seed is usually from 15 to 25 days in germinating, it will be necessary to sow early. Thin plants to 4 inches apart when 2 inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and for garnishing in its natural state.

G. & T. Co.'s Baltimore Emerald Green Triple Curled. A new and improved variety with very dark green, finely cut leaves. The top-notch Parsley. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Hamburg-Rooted or **German.** The root resembles a small parsnip and is the edible part. Used for flavoring soups. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 75 cts., postpaid.**

Moss or **Triple Curled.** A very select crimped variety. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 75 cts., postpaid.**

Plain or **Single.** Leaves dark green and flat, finely cut, but not curled. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 75 cts., postpaid.**

PARSNIP

CULTURE. Parsnips will flourish best and give the longest, largest, and smoothest roots in a very deep, rich soil—one that has been made rich from manure the previous year. Sow as early in the spring as the ground can be made ready, pretty thickly in drills from 12 to 18 inches apart, and about an inch deep. Thin the plants to 5 to 6 inches apart.

Hollow-Crown or **Sugar.** Superior in quality to all other varieties. The roots are smooth, tender, of handsome shape, and early. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 75 cts.; 5 lbs. $3, postpaid.**

PUMPKIN

CULTURE. Plant in May, in hills 8 feet apart. Allow 10 seeds to each hill, as bugs often destroy the young plants, but allow only 2 or 3 healthy plants to remain in each hill. They are usually planted in fields with corn or potatoes.

Connecticut Field. A fine, large, orange-colored variety much used for stock-feeding. The skin is smooth and ribbed and the flesh is brittle and sweet. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 60 cts., postpaid.**

G. & T. Co.'s Maryland Sweet Potato. One of the best table Pumpkins in cultivation. In shape and size it somewhat resembles the Cashaw, but is much more beautiful in color, being a handsome green with white stripes. The flesh is a rich yellow color, solid, fine grained, very thick, of delicious flavor. Matures in 110 days. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Green-Striped Cashaw. Large, crookneck with creamy white skin striped green. Very thick, fine-grained, light yellow flesh. A heavy producer. Matures in 115 days. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Japanese Pie. A dark green Pumpkin with lighter stripes, shaped like a Cashaw. Flesh is deep yellow, dry, and sweet. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

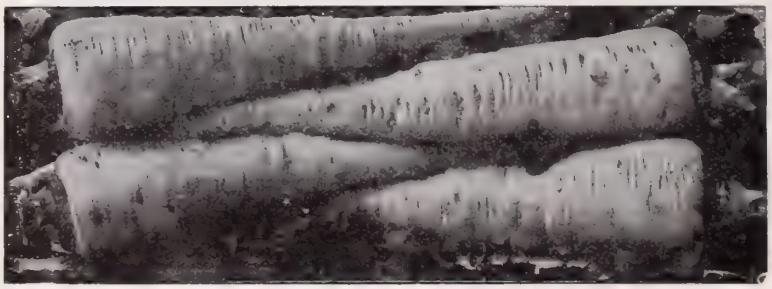
King of the Mammoths or **Jumbo.** The largest Pumpkin grown, often weighing from 100 to 200 pounds but of fine quality. Flattened, round shape; light orange in color. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Large Cheese or **Kentucky Field.** A very large, flattened Pumpkin, averaging about 2 feet through. When ripened, the skin is a rich cream color. Flesh yellow and of fine quality. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 50 cts., postpaid.**

Tennessee Sweet Potato. A pear-shaped Pumpkin of medium size, with creamy white skin lightly striped green. The creamy white flesh is very thick, dry and fine-grained; tastes like sweet potato when cooked. An excellent keeper. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Winter Luxury or **Pie.** Round, russet-yellow, netted like a muskmelon. Deep yellow flesh of excellent quality. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

Yellow or **Golden Cashaw** or **Crookneck.** Solid flesh, fine and sweet. Keeps well. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**



Hollow-Crown Parsnips

PEAS Selected Stocks

One pound is about 1 pint, 2 pounds about 1 quart, 15 pounds about 1 peck

CULTURE. The dwarf varieties should be liberally manured; the tall sorts will run too much to vine if heavily manured, it being better to depend on the richness of the land that was previously in good condition. Plant the dwarfs in rows 2 feet apart; those varieties attaining a height of from 2 to 3 feet in rows 3 feet apart, and the rows of the tallest sort 4 feet apart. Bushing the tall kind when 6 inches high, on poles set every 6 to 8 feet, with twine fastened to them about 4 inches apart, will answer nicely.

EXTRA-EARLY VARIETIES

Alaska. *Wilt-resistant.* Our best rogued and hand-picked stock. Height, 26 inches. The earliest Blue Pea. Very uniform in growth and time of ripening. The dark green color of pods makes this a most desirable sort for canners and shippers, as it can be carried long distances without losing color. **Pkt. 10 cts.; lb. 20 cts.; 2 lbs. 35 cts.; 5 lbs. 85 cts.; 10 lbs. $1.50, postpaid.**

Bountiful. Ripens about three to four days later than extra-early sorts and has much longer and thicker pods of dark green color, which is retained after earlier varieties have turned gray. Seed dented. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Early Bird or **Laxton's Superb.** As large as Thomas Laxton or Gradus and earlier than either. Vines about 2 feet high, with large, well-filled pods. Can be planted earlier than Thomas Laxton or other wrinkled varieties. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

First and Best. Height, 2½ feet. Grown with special care. One of the earliest varieties. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

Large-Podded Alaska. Three days later than Alaska, with much longer and thicker pods, handsomely shaped and of a beautiful dark green color which is retained long after other varieties have lost their usefulness. The seed is somewhat dented. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

EARLY VARIETIES

American Wonder. Very luscious in flavor. Try it. Height, 12 inches. The earliest wrinkled Pea; very productive and sweet. Better suited to the private than to the market-garden. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

G. & T. Co.'s Early Jumbo. Introduced by us last year. Makes 20-inch dark green vines with rich, deep green pods containing 8 or 9 tender Peas. Matures in 64 days from planting. Good shipper and excellent home variety. **Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 5 lbs. $1.40; 10 lbs. $2.50, postpaid.**

G. & T. Co.'s Maryland Pride. A favorite for many years, with both home gardeners and truckers. The 3½- to 4-inch pods are broad and plump, containing 7 or 8 large and very tender Peas. Matures in 62 days from planting. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Gradus or **Prosperity.** Pale green wrinkled. Large, handsome pods, well filled, ripening with the earliest, and of vigorous habit. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Ask for prices in quantity

Improved Laxtonian. A fine, large, mammoth-podded wrinkled, dark green Pea. Vine is dwarf and is fine for home-garden. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Little Marvel. Extremely early. Very vigorous grower with dark green vines 18 to 20 inches tall, and produces pods 3 inches long, dark green, very tender and sweet. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

McLean's Little Gem. Similar to Premium Gem, but more straggling in growth; pods not so well filled. Height, 18 inches. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Nott's Excelsior. Large pods containing 6 to 8 fine, large Peas, packed so close together in the pods that the Peas are always more square than round. An excellent wrinkled Pea. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Premium Gem. Height, 15 inches. An improvement on Little Gem. A splendid wrinkled dwarf Pea. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Thomas Laxton. Habit and growth same as Gradus, but pods are a deeper green color, square at the ends, and have fine flavor. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

MAIN-CROP VARIETIES

Champion of England. Height, 4 feet. An old favorite, richly flavored, and very productive. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

Dwarf Telephone. *Wilt-resistant.* A superior late variety maturing in 79 days. The dark green, branching vines grow 26 inches high and are resistant to Fusarium Wilt. Its straight, dark green pods average 4 to 4½ inches long and contain 8 to 10 succulent Peas. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Everbearing. Vines are about 2 feet high, of branching character, forming as many as 10 stalks from a single root-stalk. Peas large and of fine quality. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

G. & T. Co.'s Main Crop or **Jumbo.** *Wilt-resistant.* Introduced by us last year. Pods 5½ to 6½ inches long with 9 or 10 large tender Peas. Of best quality, it suits both the home gardener and the market-man. Matures in 74 days. **Pkt. 10 cts.; ½lb. 25 cts.; lb. 40 cts.; 2 lbs. 70 cts.; 5 lbs. $1.40; 10 lbs. $2.50, postpaid.**

Improved Sugar Marrowfat. *Genuine Stock.* Height, 3½ feet. Grows a strong vine; bears in abundance large, filled pods. The truckers' favorite. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Telephone or **Alderman.** Height, 3 to 4 feet. Large, wrinkled seeds; pods large and well filled. **Pkt. 10 cts.; lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. $1; 10 lbs. $1.75, postpaid.**

EDIBLE-PODDED PEAS

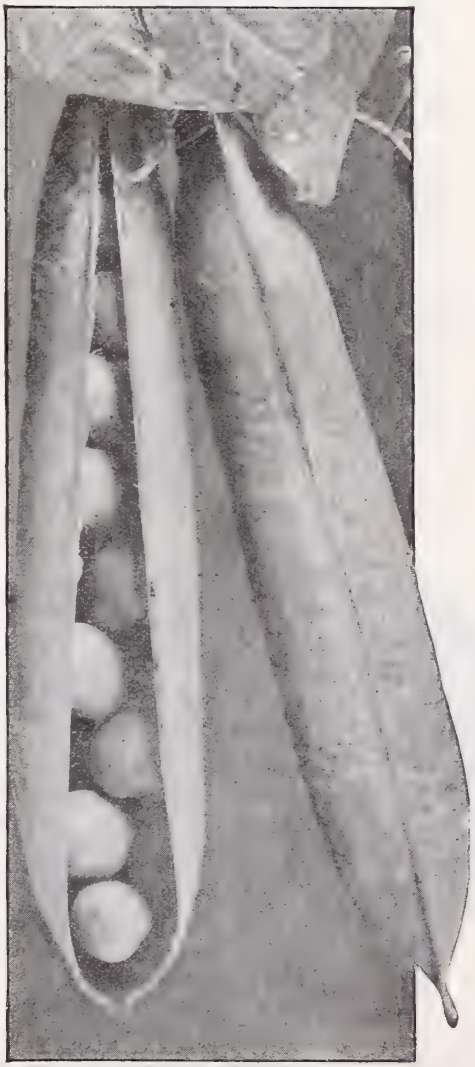
The Sugar Peas are cooked in the pod like string beans and are delicious. They have a high sugar content and the edible pods are as delectable as the Peas themselves.

Mammoth Luscious Sugar. Truly mammoth pods, 6 inches long and 1½ inches wide; both pods and Peas are as sweet as they can be. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Mammoth Melting Sugar. Grows to the height of 5 feet, bearing a profusion of very large, broad, handsome light green pods of delicious flavor which are so brittle that they snap without any strings. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Dwarf Gray Sugar. A prolific home-garden variety, with light green pods. Very sweet. **Pkt. 10 cts.; lb. 30 cts.; 2 lbs. 55 cts.; 5 lbs. $1.25; 10 lbs. $2.25, postpaid.**

Farm and Garden Fertilizers are on page 42



Peas

PEPPER
or CAPSICUM

Cultivated mainly for pickles; used as a seasoning in many ways; sometimes medicinally.

CULTURE. Sow seed early in hotbed, if possible; if not, select a warm place in the garden for seed-bed; sow as soon as the soil is warm. Transplant when 3 to 4 inches high, in rows 1½ feet apart.

Bell or **Bull Nose.** *Hot.* Plant vigorous, compact, very productive, ripening its crop uniformly and early. Fruit large, with thick flesh of excellent quality. Bright red when ripe. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.; ½lb. $1.50; lb. $2.75, postpaid.**

Bull Nose, Sweet. Large like regular hot Bull Nose Pepper, but mild. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.; ½lb. $1.50; lb. $2.75, postpaid.**

California Wonder. Plants very vigorous and prolific. Fruits large, of good weight, finest quality. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; ½lb. $2.25; lb. $4, postpaid.**

Chinese Giant. Large, handsome fruit which sells on appearance. One of the most productive and best of the mild Peppers. **Pkt. 10 cts.; oz. 45 cts.; ¼lb. $1.35; ½lb. $2.60; lb. $5, postpaid.**

Long Red Cayenne. Slender, twisted, and pointed pod about 4 inches long, and, when ripe, bright red in color. Extremely strong and pungent. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; ½lb. $2.25; lb. $4, postpaid.**

Pimento. The mildest flavored of all Peppers. Its productiveness makes it a desirable sort for the home-garden or market. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 95 cts., postpaid.**

Red Cherry. Plant tall, bearing a profusion of round, bright red fruits which are very pungent when ripe. The plant, when in fruit, is very ornamental. **Pkt. 10 cts.; oz. 50 cts.; ¼lb. $1.50, postpaid.**

Red Chili. Used in the manufacture of Pepper sauce. The bright, rich red pods are about 2 inches long, ⅓ to ½ inch in diameter at the base, tapering to a sharp point and exceedingly pungent. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25, postpaid.**

Ruby King. Improved American variety, often 4 to 6 inches long and quite symmetrical in shape. It is very bright colored and the flesh is sweet and mild flavored. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.; ½lb. $1.50; lb. $2.75, postpaid.**

Chinese Giant Pepper

Pimento Pepper

Sweet Mountain. Plants very vigorous, of compact, upright growth, but do not ripen fruits until very late. It is very large, often 8 inches or more in length by 2 in diameter; smooth and handsome, being, when fully matured, of a rich red color. Flesh very thick, sweet and mildly flavored. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 95 cts.; ½lb. $1.50; lb. $2.75, postpaid.**

World Beater or **Ruby Giant.** Beautiful fruit, 5 inches long and 3½ inches thick. Glossy green, changing to bright red. Flesh thick, mild, and sweet. A fine shipper. Matures in 70 days. **Pkt. 10 cts.; oz. 35 cts.; ¼lb. 95 cts.; ½lb. $1.50; lb. $2.75, postpaid.**

RADISH

One ounce will sow 100 feet of drill

CULTURE. For an early supply, sow in hotbed in February; for succession, from middle of March to September. Radishes thrive best in light, rich, sandy loam.

GLOBE or TURNIP-SHAPED VARIETIES

Early Red Turnip. Turnip-shaped; red skin. Fine for forcing. Sometimes called Red Button Radish. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

Early Scarlet or **Prussian Globe.** A fine forcing variety. It is of globular shape and brilliant, beautiful crimson color, with short top, and will stand a large amount of heat without becoming pithy. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

Early White-Tipped Scarlet. An excellent variety for forcing, with very short leaves. Bright scarlet in color, with a white tip. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

French Breakfast. Oval form; scarlet, white tipped. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Model Philadelphia White Box. The best and earliest round white Radish for early spring growing. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

LONG RADISHES

Chartier. Good variety for private or market-garden purposes. Stands long before going to seed and is tender and crisp. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Giant Stuttgart. A splendid new variety of excellent quality that withstands summer heat. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Long Scarlet. (Finest grown.) Owing to its shape, brilliant color, and fine qualities, it commands a higher price and more ready sale than the ordinary Long Scarlet as generally sold. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

White Delicacy. Resembles White Strasburg, but more evenly shaped and smaller topped. Grows into full size and perfection during the hottest months. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

White Icicle. A beautiful, long, slender Radish of pearl-white color, firm and solid, slow to get woody. A good seller. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

White Strasburg. Fast becoming one of the most popular summer sorts. It is of handsome tapering shape; skin pure white; very tender. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

White Vienna or **Lady Finger.** Shapely; snowy white. It is of very rapid growth, and remarkably crisp, brittle, and tender. Equally desirable for the market or home-garden. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 70 cts., postpaid.**

WINTER VARIETIES

Chinese Rose Winter. Remarkably fine for winter use. The best of the winter sorts. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Long Black Spanish. Cylindrical, 7 to 10 inches long. Blackish brown skin and firm white flesh. Matures in 55 days. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Round Black Spanish. A fine variety with nearly black skin and 3 to 4-inch globes of crisp white flesh. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., ppd.**

White Chinese Winter or **Celestial.** The roots are long, cylindrical, with beautiful white skin and flesh. It is the whitest of the winter varieties. The roots are 6 to 9 inches long by about 2½ to 3½ inches in diameter. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Early White-tipped Scarlet Radishes

Salsify

RHUBARB or PIE-PLANT

Sow 1 ounce of seed to 125 feet of drill

CULTURE. Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 to 5 inches. Keep soil loose and free from weeds. The plants are likely to vary. Pick out the strongest and best. In fall or spring following transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; ½lb. 80 cts.; lb. $1.25, postpaid

SALSIFY or VEGETABLE OYSTER

CULTURE. Sow in early spring, in light, rich soil, in drills 14 inches apart, and thin the plants to 6 inches in the row. The roots will be ready for use in October and will sustain no injury by being left in the ground during the winter.

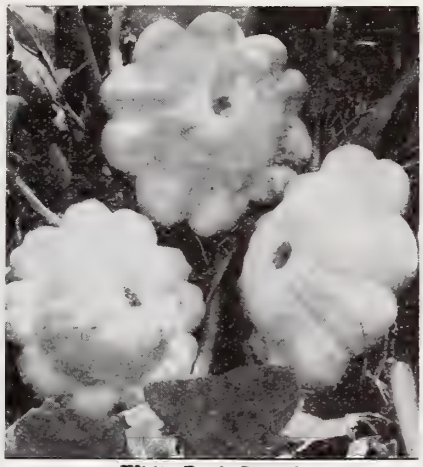
Sandwich Island Mammoth. This new Salsify grows fully twice the size of the old sort, and is superior in quality. Invaluable to market gardeners. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 55 cts.; ½lb. 95 cts.; lb. $1.75, postpaid.**

SPINACH

CULTURE. Quite an important crop with market gardeners and one easily managed. For summer use, sow early in spring, in drills 8 to 12 inches apart, covering the seed 1 inch deep. Select rich soil and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For a very early spring crop, sow in September, and protect the plants through the winter by top-dressing.

Improved Long-Standing Bloomsdale Savoy. Reselected. A most desirable sort. Very curly and dark green. Stands 10 days longer than the other Savoy types before going to seed. While it is a slow seeder, it requires a longer time before it is fit to cut. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**

Juliana. Reselected. Long standing. The finest crinkled sort of the flat type. Lots of dark green foliage and a very shy seeder. Fine for summer sowing. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**



White Bush Squash

New Zealand. The hot-weather Spinach. Will resist heat and make a strong growth during the summer. The plants will continue to grow until late fall, supplying, all during summer and fall, an abundance of rich green leaves. It cannot stand frost like other Spinach. For family gardens only. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Old Dominion. Originated at the Virginia Experiment Station. It is curled, wilt-resistant, and very slow to run to seed. Fine for sowing in late fall to carry over for spring cutting. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**

Presto Prickly-Seeded Winter. A very hardy variety adapted for fall planting. Thick, dark green leaves on a vigorous plant. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**

Reselected Bloomsdale Savoy. Grown from pedigree stock, carefully rogued each year for the true Bloomsdale Savoy Spinach plants. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**

Reselected Dark Green Bloomsdale Savoy. A darker green Bloomsdale maturing two days later. A splendid crumpled variety. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**

Virginia Blight-Resisting Curly Bloomsdale. Fine for carrying over winter. **Oz. 10 cts.; ¼lb. 15 cts.; ½lb. 25 cts.; lb. 35 cts.; 5 lbs. $1.50; 10 lbs. $2.50, postpaid.**

Ask for prices in quantity

Long-standing Spinach

New Zealand Spinach

SQUASH

CULTURE. The Squashes are all quite tender, and therefore no progress can be made in starting them until the weather becomes somewhat warm and settled. Plant in hills 5 feet apart each way for the bush varieties and 8 feet for the running varieties; put 8 seeds to the hill, but don't allow over 3 to stand.

Benning's White Bush. Same shape as White Bush, but preferred by growers on account of its beautiful rich green-tinted color. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Boston Marrow. A popular variety, with large, oval fruit. Skin bright reddish orange, with light cream netting. Flesh orange, fine grained and of excellent quality. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 45 cts.; lb. 75 cts., postpaid.**

Early White Bush Scallop. A desirable and marketable sort. Best known and most productive of all the summer sorts. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Hubbard. The most popular winter Squash. Fruit is oblong and pointed, heavily warted, dark green in color, with orange-colored flesh. Is remarkable for its keeping qualities. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Italian Marrow Cocozelle. This foreign variety grows to a length of 6 to 8 inches in about 65 days. The skin is dark green, becoming light green as it matures. Flesh is pale green, firm, and tender. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; ½lb. 70 cts.; lb. $1.25, postpaid.**

Summer Crookneck. (Early.) A desirable table sort. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Winter Crookneck. Flesh red, of fine flavor. Largely grown for winter use. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

SWISS CHARD

Swiss Chard (Sea Kale or Spinach Beet). Used exclusively for greens. Cooked like asparagus, makes a very delicious dish. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; ½lb. 50 cts.; lb. 90 cts., postpaid.**

New Stone Tomatoes

TOMATOES

CULTURE. For early fruit, sow seed March 1 in the hotbed or in pots in a sunny exposure in the house. When the plants are about 3 to 4 inches high they should be set out 4 to 5 inches apart in another hotbed or coldframe into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden, and about the middle of May set the plants in the open ground at a distance of 4 to 5 feet each way. Water freely at the time of transplanting and shelter from the sun for a few days until the plants are established.

Tomatoes will admit of training to stakes or trellis of various kinds. The usual method is to set one strong plant to a stake, using stakes 5 to 7 feet high and tying the plant up with strong, soft twine. Prune out quite freely as the vines advance in growth.

EXTRA-EARLY VARIETIES

Bonny Best. As its name signifies, it is one of the best extra-early Tomatoes yet introduced. Fully 10 days earlier than Chalk's Early Jewel and within a day or two, if not quite as early, as Spark's Earliana. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; ½lb. $1.75; lb. $3, postpaid.**

G. & T. Co.'s Freestate. An exceptionally early Tomato introduced by us in 1935. Round, very solid, non-acid fruit of deep scarlet color and luscious flavor. An exceptional Tomato for canning, shipping, or home use. Matures in 70 days from setting. **Pkt. 40 cts.; ¼oz. 90 cts.; ½oz. $1.70; oz. $2.75, postpaid.**

John Baer. Early; prolific. Fine flavor and shape. Quite as early as Bonny Best. **Pkt. 10 cts.; oz. 25 cts.; ¼lb. 80 cts.; ½lb. $1.50; lb. $2.75, postpaid.**

Marglobe. Early Wilt-resisting Variety. Smooth, meaty fruit of globular form. This excellent variety has carried the equally desirable character of wilt-resistance to the extent that Marglobe will continue to bear fruit and retain its green foliage when planted on wilt-infested soil. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; ½lb. $1.75; lb. $3, postpaid.**

Spark's Earliana. The earliest bright red Tomato. Very large, smooth, solid, bright red fruits, excellent for slicing. Grows in clusters; slightly acid. **Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; ½lb. $1.75; lb. $3, postpaid.**

Super Bonny Best. State Certified. Grown under contract especially for us. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; ½lb. $2.25; lb. $4, postpaid.**

Super Marglobe. State Certified Seed. Grown under contract especially for us. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; ½lb. $2.25; lb. $4, postpaid.**

Marglobe Tomato

Bonny Best Tomato

MAIN-CROP VARIETIES

Golden Queen. The leading large yellow for main-crop planting. Fruit medium size of deep golden yellow. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25, postpaid.**

Greater Baltimore. Large fruits of bright scarlet color, ripening uniformly up to the stem. One of the best main-crop varieties for canner and market. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Market Champion. Oval, bright scarlet fruit which ripens up to the stem without cracking. **Pkt. 10 cts.; oz. 45 cts.; ¼lb. $1.35; ½lb. $2.45; lb. $4.50, postpaid.**

New Stone. Very large fruits of bright scarlet color, exceptionally smooth, with occasional specimens slightly octagon-shaped. They ripen evenly to the stem without a crack and are exceedingly solid and firm-fleshed. An excellent shipper, not subject to rot. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Oxheart. *New.* Some fruits weigh as much as 1½ pounds. It is oxheart shaped, extremely solid, and a purplish scarlet color, with a mild subacid flavor. Fine for the home-garden. **Pkt. 10 cts.; oz. 60 cts.; ¼lb. $2, postpaid.**

Ponderosa. Remarkable for size and weight, fruits sometimes weighing over a pound. The deep red flesh is thick, solid, and of fine quality. Excellent for the home-garden. Sometimes called "Beefsteak." **Pkt. 10 cts.; oz. 55 cts.; ¼lb. $1.75, postpaid.**

Pritchard or Scarlet Topper. This new wilt-resistant Tomato was originated by the U. S. Department of Agriculture, and the stock we offer was grown from seed furnished by them. Pritchard will prove profitable in districts where wilt is prevalent. Deep scarlet, globe-shaped fruits of good size and unusual solidity. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; ½lb. $2.25; lb. $4, postpaid.**

Red Rock. One of the finest for canning, being extraordinarily solid, smooth, and red. Of fine flavor, very meaty, and wonderfully free from acid. A heavy producer and good shipper. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; ½lb. $1.10; lb. $2, postpaid.**

Rutgers Certified. Developed by Prof. Schermerhorn of Rutgers College. Uniform, smooth, globular fruits of sparkling red. A solid, meaty Tomato for market or the home-garden. **Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; ½lb. $2.25; lb. $4, postpaid.**

SMALL-FRUITED VARIETIES

These are small varieties used for preserves and pickles.

Pear-Shaped Red — **Red Plum**
Pear-Shaped Yellow — **Yellow Plum**

Any of above, pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25, postpaid

Pear-shaped Tomatoes

Purple-Top White Globe Turnip

TURNIP

CULTURE. For early use, sow the small sorts as soon as the ground can be worked in the spring, in drills 14 inches apart, the Rutabagas, 30 inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, and if possible, new soil and manure with plaster and ashes or phosphates. Should the young plants be troubled with insects, a sprinkling of Slug Shot will be beneficial. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to the first of July, using from 1 to 1½ pounds of seed to the acre.

Cow Horn (Large Cropper). This variety is pure white, excepting a dash of green at the crown, and in shape is long, like the carrot. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Early White Egg. A new egg-shaped, white variety of rapid growth. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Large Amber or Yellow Globe. Grows to a large size; flesh yellow, firm and fine-grained. Excellent for either table use or feeding stock. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Improved Purple- or Red-Top Globe. The roots are large, purple or dark red above ground, white below; flesh is white, fine-grained, and tender. Also known as Red-Top White Globe. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Pomeranian White Globe. Large, globe-shaped roots; pure white and very sweet. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Red or Purple-Top Flat Strap-Leaved. A very early, strap-leaved table variety. Roots are flat, of medium size, purple or dark red above ground, white below. Flesh is white, fine-grained, and tender. Also known as Early Red-Top Strap-Leaved. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Seven Top. Used in the southern states for greens and salads. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Southern Prize. True strain of the favorite Turnip used for greens in Virginia and the Carolinas. Valued also for its bulk. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

White Flat Dutch. Differs from Red-Top only in color. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Yellow Aberdeen or Scotch Yellow. A highly approved Cattle Turnip attaining a large size. It is solid, nutritious, a good keeper, and in every respect reliable. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

RUTABAGAS or SWEDES

Canadian Purple-Top, Gem or Universal. Round, large, quick-growing, with yellow flesh and purple top. Very firm and will keep longer than any other kind. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; ½lb. 60 cts.; lb. $1, postpaid.**

Improved American Purple-Top Yellow Globe. Yellow flesh. Diameter from 5 to 7 inches. The standard field variety. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 55 cts., postpaid.**

Purple-Top Golden Neckless. Similar to Purple-Top Globe, but has medium top and very small neck. The flesh is yellow and of the best quality. **Oz. 10 cts.; ¼lb. 20 cts.; ½lb. 35 cts.; lb. 65 cts., postpaid.**

WATERMELONS

Sow 1 ounce of seed to 30 hills; 4 lbs. to the acre

CULTURE. Watermelons require a rich, sandy soil. Cultivate the same as for cantaloupes, except that the hills should be 8 to 10 feet apart.

Dark Icing. An extra-early and extra-good variety for home use and near-by markets. One of the most delicious of melons, being rich red and sugary to the very rind. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Excel. In appearance it strongly resembles Tom Watson. It has a very thin, tough rind, is uniformly large and is a splendid shipper. The beautiful red meat is decidedly crisp, sweet, and solid to the center. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Florida Favorite. One of the richest and sweetest flavored melons grown. It is of medium size and prolific. Popular with the melon-growers of Maryland and Virginia. Sells readily in the Baltimore markets. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

General Pershing. One of the best. Its tough rind makes it a good shipper. Red, sweet flesh. Produces a big crop of enormous melons. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Gray Monarch or White Icing. This distinct melon is, without a doubt, one of the largest of all. The skin is a mottled gray color, and the melons are long, with bright crimson flesh of sweet, delicious flavor. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Irish Gray. This new South Georgia variety has attained great popularity on sheer merit, being equally good for shipping or home use. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Kleckley's Sweet. Skin dark green; rind thin; flesh scarlet, very solid, firm, and of most luscious quality for the home market or family garden. Decidedly one of the best. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Lord Baltimore. A very early melon of oblong shape, and the handsome crimson flesh is deliciously sweet. It has a thin, hard rind, beautifully mottled light and dark green. Its perfect shape, faultless color, fine texture, and excellent flavor combine to make it one of the very best melons that grow. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Rattlesnake. Large, oblong melons with striped and mottled skin; flesh bright red. A good shipper and a favorite variety in the South. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Ribault. This new melon grows from 24 to 30 inches long and 14 to 18 inches in diameter. The thick rind, dark green, slightly striped with lighter green, makes it a good shipper. Will mature in 95 days. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Stone Mountain. A very large, nearly round or "blocky" melon of high quality. Rind fairly tough, dark green; flesh sweet, rich scarlet, with few seeds. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Thurmond Gray. The rind is very tough and it stands shipping as well as any melon grown. Flesh is free from strings, fine grained, crisp, and tender. Its eating qualities are excellent. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Tom Watson. The large, oblong melon, with dark green skin, has a thin, tough rind, which gives it excellent shipping qualities. Melons average from 18 to 24 inches long and from 8 to 12 inches in diameter. Flesh deep red, crisp, melting, and of finest flavor. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Citron. (For preserves.) Fruit round and handsome. Used only in making preserves. **Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; ½lb. 40 cts.; lb. 75 cts., postpaid.**

Kleckley's Sweet Watermelon

FIELD CORN

56 lbs. to the bushel

Boone County White. Matures in 110 to 115 days. It is a heavy yielder, has large ears, deep grains, small cobs, and produces good-sized fodder, free from barren stalks. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

Chestnut Grove Yellow. The ears are large, with deep, medium-sized grain of beautiful color. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

Eureka White Ensilage. Specially adapted for ensilage. Our strain will produce from 19 to 21 tons per acre, and requires about 128 days to make silage. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

G. & T. Co.'s Improved Maryland White Dent. After years of careful selection we have secured this improved white Field Corn. It grows good-sized ears and makes splendid meal. Produces better crops on average land than most any other variety. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

Improved Early Leaming. An early, selected variety of yellow Corn with small grains, weighty and productive. Highly esteemed in Maryland and Pennsylvania. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

Write for Quantity Prices of Corn. For best results, treat Corn with SEMESAN JR. See page 55

Johnson County White. A favorite white Corn in the western Corn-belt. Ears same size as Boone County White. Good deep grains on small, white cobs. It will shell from 6 to 7 bushels per barrel. We recommend it as a fine general main-crop sort. Will mature in about 120 days. Has abundant foliage, which makes it also valuable for ensilage purposes. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

New Maryland Yellow Dent. The grains are unusually deep, ears large, and stalks grow 7 to 10 feet high. Does not exhaust soil so much as other sorts. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

90-Day Yellow. An excellent quick-growing variety. May be planted after peas are taken off, and makes a good crop. Largely used by truckers. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

Reid's Yellow Dent. Matures in 100 to 105 days. Very solid, heavy ears, from 8 to 12 inches long, with 16 to 18 rows of deep, rich yellow grains. Small red cob. Fodder from 7 to 8½ feet high, and produces a great many stalks with two ears. A fine early Corn. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

Smoky Yellow Dent. The earliest Dent Corn, matures in 75 to 80 days. A good yielder; beautifully colored. Sides of grain red, with white cap. Grows strong, quick, and has splendid 7 to 8-foot fodder. **Qt. 30 cts.; 2 qts. 50 cts., postpaid.**

GRASS MIXTURES

for Hay and Permanent Pastures

Mixture for Upland. Bushel weighs 14 pounds. Sow 3 bushels to the acre. **Bus. $3; 10 bus. $28, not prepaid.**

Mixture for Lowland. Bushel weighs 14 pounds. Sow 3 bushels to the acre. **Bus. $3; 10 bus. $28, not prepaid.**

LAWN GRASS MIXTURES

See inside of front cover.

GRASS VARIETIES

Bent, Colonial or **Rhode Island.** Lb. $1.10; 3 lbs. $3; 5 lbs. $4.50, postpaid.

Bent, German or **Creeping.** Lb. $1.50; 3 lbs. $4.20; 5 lbs. $6.50, postpaid.

Bent, Astoria. Lb. $1.10; 3 lbs. $3; 5 lbs. $4.50, postpaid.

Bermuda Grass. Lb. 50 cts.; 3 lbs. $1.35; 5 lbs. $2, postpaid.

Fancy Red-Top. Lb. 40 cts.; 3 lbs. $1.10; 5 lbs. $1.75, postpaid.

Fescue, Chewing's. Lb. 60 cts.; 3 lbs. $1.60; 5 lbs. $2.45, postpaid.

Write for the Quantity Prices on Our Grass Seeds

G. & T. Co.'s Grass Fertilizer helps make a beautiful lawn. See page 42

Fescue, Hard or **Sheep's.** Lb. 60 cts.; 3 lbs. $1.60; 5 lbs. $2.45, postpaid.

Fescue, Meadow (English Blue Grass). Lb. 25 cts.; 3 lbs. 65 cts.; 5 lbs. 95 cts., postpaid.

Fescue, Red. Lb. 60 cts.; 3 lbs. $1.60; 5 lbs. $2.45, postpaid.

Kentucky Blue. Lb. 40 cts.; 3 lbs. $1.10; 5 lbs. $1.75, postpaid.

Orchard Grass. Lb. 30 cts.; 3 lbs. 80 cts.; 5 lbs. $1.25, postpaid.

Poa trivialis. Lb. 60 cts.; 3 lbs. $1.60; 5 lbs. $2.45, postpaid.

Rye Grass, Domestic. Lb. 20 cts.; 3 lbs. 50 cts.; 5 lbs. 75 cts., postpaid.

Rye Grass, Perennial. Lb. 25 cts.; 3 lbs. 65 cts.; 5 lbs. $1, postpaid.

Timothy. Lb. 20 cts.; 3 lbs. 50 cts.; 5 lbs. 75 cts., postpaid.

White Dutch Clover. ¼lb. 20 cts.; ½lb. 35 cts.; lb. 50 cts.; 3 lbs. $1.35; 5 lbs. $2, postpaid.

DWARF ESSEX RAPE

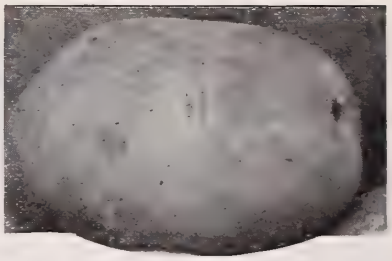
Unequaled as a pasture for sheep, and as fattening foods for all livestock. **Lb. 20 cts.; 3 lbs. 50 cts.; 5 lbs. 75 cts., postpaid.**

FIELD SEEDS

We carry a full line of Forage, Silo, Grass, and Clover Seeds for the farm and estate, including: Barley, Buckwheat, Clovers of all kinds, Cowpeas, Millets, Oats, Rye, Soja Beans, Sorghum, Vetches, and Wheat, etc. Write for our prices.

POP-CORN

White Rice. Lb. 20 cts., postpaid.
Giant Yellow. Lb. 25 cts., postpaid.
Pop-Corn Poppers. 35 cts., postpaid.



SEED POTATOES

MAINE GROWN

Potatoes sold by weight only; 60 lbs. to the bushel

CULTURE. A rich sandy loam containing much humus is best suited for Potatoes. To secure the best results, a good fertilizer should be used (see page 42). Plant early in the spring, in rows, about 1 foot apart in the row. Cover with 3 to 4 inches of soil. Hill the plants as they advance in growth; also keep soil broken to prevent baking.

Green Mountain. This is a most excellent late Potato that does remarkably well on poor soils, and is very free from disease. It resists drought and produces tubers of large size and attractive appearance with white flesh. A good keeper, and when put away in the fall will keep well until spring. Matures in 140 days. Selected stock, **75c per pk.**; certified stock, **85c per pk.**

G. & T. Co.'s Extra - Early Prize. The finest Rose Potato. Unusually mealy and keeps exceptionally well. Very superior to Early Rose in every respect, being of better shape, larger, and yields better. Finest selected stock, **$1 per pk.**

G. & T. Co.'s Prosperity. Best middle-crop variety. Yields exceptionally well even under unfavorable conditions. The flesh is white and mealy and the Potato is of oval shape. This Potato can be relied on. Finest selected stock, **$1 per pk.**

Write for prices on bus. or bag (150-lb.) lots. For Potato Digger, see page 94. Potato Fertilizer, see page 42

Irish Cobbler. Very productive and matures early. Shape chunky; eyes strong and deep set; skin netted; flesh white, of very superior quality. Selected stock, **75 cts. per pk.**; certified stock, **85 cts. per pk.**

Red Bliss Triumph. This variety combines the productiveness of the Peerless with all the good qualities of the Early Rose. It is more productive, and matures its crop at least a week in advance of Early Rose. Selected stock, **75 cts. per pk.**

Spaulding Rose. This leads the list for Rose Potatoes, and is one of the best early market sorts. Our stock of this is grown on new land near Houlton, Maine, and is rugged and pure, producing a fine large crop. Selected stock, **75 cts. per pk.**; certified stock, **85 cts. per pk.**

Dakota Red. Very late; an excellent yielder. Oblong, red-skinned; white fleshed. Will cook mealy. Selected stock, **75 cts. per pk.**; certified stock, **85 cts. per pk.**

The above prices are f.o.b. Baltimore.

Add 25 cts. per pk. in First or Second Zone.

Add 40 cts. per pk. in Second or Third Zone.

Improved Leaming Corn

PLANTS—ROOTS—TREES

FROST-PROOF CABBAGE PLANTS

Ready for shipment from December 1 to May 1
Will mature heads two to three weeks earlier

Early Jersey Wakefield, Charleston Wakefield, Succession, and **Early Flat Dutch.** (**Copenhagen Market** ready about April 1.)

These plants are grown in the open field during the fall and winter months, which causes them to make a slow, tough, hardy growth—so hardy that the outer leaves turn to a reddish brown. They can safely be shipped to distant points and should be planted in the open ground from four to five weeks earlier than frame plants.

Prices, postpaid, 100, 200, or 300 plants, 45 cts. per 100; 500 plants for $1.50; 1,000 plants $2.25.

Prices by Express collect, in lots of 1,000 to 4,000, $1.25 per 1,000; 5,000 or more, $1 per 1,000.

These prices are only in lots of even hundreds or thousands, and the quantity prices apply only for lots of the same variety.

Terms, cash with order, please.

No plants shipped C. O. D.

Local plants from the seed-bed ready May 1. The varieties include Brussels Sprouts, Cabbage, Cauliflower, Eggplant, Lettuce, Pepper, Tomato, and Sweet Potato.

Those ready July 1: Broccoli, Borecole, Celery. **Prices on application**

ASPARAGUS ROOTS

Plant from March 1 to April 15, and from October 15 to freezing.

For culture, see page 26.

Mary Washington. (Rustproof.) By far the best. Early and vigorous. Firm and tender roots, richly flavored. **$1.25 per 100; $9.50 per 1,000. Postage, 10 cts. per 100, extra.**

Bunchers, Tape, Knives, and Rubber Bands, see page 44

RHUBARB ROOTS

Plant from March 1 to April 15, and from October 15 to freezing. Set 3 to 4 feet apart; cover 2 inches deep. Manure well each spring. Keep soil moist. Can furnish either Victoria or Myatt's Linnæus in strong, 2-year stock. **15 cts. each; $1.50 per doz.; $10 per 100. Postage on 3 roots, 10 cts. extra.**

HORSERADISH SETS

Can ship after March 1

Strong 2-yr. stock, **60 cts. per doz.; $4 per 100. Postage, 10 cts. per doz. extra.**

Gator-Hide Mulch Paper

A tough, strong, durable paper that holds moisture in the soil, retains heat, raises soil temperature, and prevents cooling at night. This promotes bacterial activity day and night, thus producing bigger, better, and earlier crops.

Garden Package	$0 50
Type A.	
18 in. wide. 300 linear yards to roll	1 50
36 in. wide. 300 linear yards to roll	3 00
Type B.	
18 in. wide. 150 linear yards to roll	1 50
36 in. wide. 150 linear yards to roll	3 00

Strawberries

Strawberry Plants

Strawberry plants are best planted in this locality from March 1 to May 1, but we can supply them from November 1 to June 1. Strawberries should be well fertilized, grown in rich soil, and covered with straw in the winter. If plants are dry, they should be dipped in water and allowed to plump before planting. Plant in rows 3½ feet apart, and 15 inches apart in the rows.

Dorsett. *New.* Early. Vigorous and productive. Medium light in color and retains its lightness. **80 cts. for 50; $1.50 per 100.**

Fairfax. *New.* Early. Productive and vigorous. Medium dark, turning darker. **80 cts. for 50; $1.50 per 100.**

Gandy. Late. Large, firm, and of fine flavor. A good shipper. **75 cts. for 50; $1.25 per 100.**

Gem. Everbearing. Fruit of rich color, medium large. **80 cts. for 50; $1.50 per 100.**

Klondyke. Early. Berries uniform, dark red, mild and delicious. **75 cts. for 50; $1.25 per 100.**

Premier. Early. Large; long fruiting season. One of the best. **75 cts. for 50; $1.25 per 100.**

Big Joe. Midseason. Large, delicious, and vigorous. **75 cts. for 50; $1.25 per 100.**

Progressive. Everbearing. Produces big crop the same season set. **80 cts. for 50; $1.50 per 100.**

Chesapeake. Late. Extra large; uniform; popular. **75 cts. for 50; $1.25 per 100.**

Mastodon. Everbearing. Large; waxy appearance. Extensively planted. **80 cts. for 50; $1.50 per 100.**

Add 10 cts. per 100 for postage

GERMACO HOTKAPS

Protects plants from the elements and insects, and helps mature crops earlier.

100 Hotkaps, Garden Setter, Tamper	$2 40
250 Hotkaps, Garden Setter, Tamper	3 65
1,000 Hotkaps only	9 75
5,000 Hotkaps only, per 1,000	9 65
10,000 Hotkaps only, per 1,000	9 55
Steel Hotkap Setter and Tamper, set	1 50
Garden Setter (paper), each	50
Steel Tamper, each	25

Write for prices in quantity and other varieties and sizes

FRUIT TREES

APPLES. 2 years old.

Variety	Ripens	Color
Delicious	Fall	Red
Duchess	Summer	Bicolor
Grimes Golden	Winter	Yellow
Jonathan	Winter	Red
Mammoth Black Twig	Winter	Red
Transparent	Summer	Yellow
Smokehouse	Fall	Bicolor
Stayman's Winesap	Winter	Red
Wealthy	Fall	Red
York Imperial	Winter	Bicolor

	Each	Doz.	100
4 to 5 ft. high	$0 85	$9 60	$65 00
5 to 6 ft. high	95	10 80	75 00

APRICOTS. 3 to 4 ft. high. **75 cts. each.**

CRABAPPLES. 2 years old.
Hyslop and **Siberian.**

Prices same as Apples

CHERRY. 2-year budded stock.
Sweet: Napoleon (yellow), **Schmidt's Bigarreau** (black), **Gov. Wood** (red), **Tartarian** (black).

	Each	Doz.
4 to 5 ft. high	$1 00	$11 40
5 to 6 ft. high	1 10	12 60

Sour: Morello (black), **Dyehouse** (red).

4 to 5 ft. high	$0 90	$10 20
5 to 6 ft. high	1 00	11 40

PEACHES. 1-year, budded stock.
Belle of Georgia. White. Freestone.
Elberta. Yellow. Freestone.
Heath. White. Cling.
J. H. Hale. Yellow. Freestone.

3 to 4 ft. high	$0 55	$6 00
5 to 6 ft. high	75	8 40

PEARS. Standard stock.
Bartlett. Large; yellow. Ripens in August.
Kieffer. Large; yellow. Ripens in October.
Seckel. Medium; yellowish brown. Sept.

3 to 4 ft. high	$0 95	$10 80
5 to 6 ft. high	1 10	12 60

PLUMS, Shropshire Damson and **Quince.** 2-year budded stock. **4 to 5 ft. 95 cts. each**

BLACKBERRIES

Strong root-cutting plants. Ready March 1.
Blowers. Very hardy; productive. Large.
Eldorado. Large jet-black berries.

15 cts. each; $1 per doz.; $6 per 100
Postage, 20 cts. per doz., extra

CURRANTS

2-year No. 1 stock. Ready March 1.
Fay's Prolific. Vigorous. Large fruit.
Wilder. Medium fruit. Productive. Hardy.

40 cts. each; $3.75 per doz. Add 5 cts. each for postage

GOOSEBERRIES

2-year No. 1 stock. Ready March 1.

40 cts. each; $3.75 per doz. Add 5 cts. each for postage

RASPBERRIES

2-year No. 1 stock. Ready March 1.
Cumberland. Black. Midseason. Large.
Latham. Red. Late. Productive. Large.
Newburgh. Red. Midseason. Vigorous.
St. Regis. Red. Everbearing. Firm, meaty.

10 cts. each; 95 cts. per doz.; $6 per 100
Add 20 cts. per doz. for postage

GRAPES

2-year No. 1 stock. Ready March 1.
Concord. Blue. **30 cts. each; $3 per doz.; $20 per 100.**
Caco (wine-red) and **Fredonia** (black). **50 cts. each; $5.40 per doz.; $40 per 100.**

If wanted by mail, add 10 cts. each

FERTILIZERS for Farm, Garden and Lawn

G. & T. CO.'S

Garden Fertilizer

5 lbs. 35c

A complete Fertilizer for flowers, shrubbery, vegetables, fruits, etc. Recommended strongly as the best for all-round work in the garden. Use at the rate of 1 pound to 50 square feet. **5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 50 lbs. $2; 100 lbs. $3.50.**

Acid Phosphate

High-grade. 16%.....Bag (167 lbs.) $1.75
Super. 20%.....Bag (167 lbs.) $2.00

Adco

Will produce clean, odorless manure in three to four months by adding at the rate of 2 pounds to the wheelbarrow load of compost, grass clippings, leaves, etc. **25 lbs. $2; 150 lbs. $10.50.**

Aluminum Sulphate

Especially good for rhododendrons and azaleas, or where an acid condition of the soil is required. **Lb. 10 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1.50; 50 lbs. $2.25; 100 lbs. $4.**

Blood Meal

Fine for potted plants, roses, etc. A quickly available fertilizer. **Lb. 10 cts.; 5 lbs. 40 cts.; 10 lbs. 75 cts.; 25 lbs. $1.50; 50 lbs. $2.25; 100 lbs. $4.**

Bone, G. & T. Co.'s Soft Ground

Made from softer material than the regular ground bone, which makes it act faster. Contains some meat and blood. Fine for lawns, roses, shrubbery, and flowers. **5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. 85 cts.; 50 lbs. $1.50; 100-lb. bag $2.50; 167-lb. bag $3.90.**

Bone, Fine Ground Pure

Good for lawns, shrubbery, etc. Slow-acting. **5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $2.65; bag (167 lbs.) $4.25.**

Cottonseed Meal

A good organic fertilizer for laurel, rhododendrons, azaleas, etc. **5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $3.**

Cow-Manure

Thoroughly dehydrated and well pulverized, free from dirt and weed seeds. The best Manure for lawns, flowers, and gardens. **5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $3.**

Esskay Quality Plant-Food

A complete organic fertilizer consisting of blood, bonemeal, tankage, and potash, scientifically blended to produce the best results in growing flowers, lawns, vegetables, trees, and shrubs. **2 lbs. 25 cts.; 10 lbs. 70 cts.; 25 lbs. $1.35; 50 lbs. $2.20; 100 lbs. $3.25.**

Hyper-Humus

Fine for use on lawns, under shrubbery, and on flower-beds. It conserves moisture, puts organic matter in the soil, and cultivates bacteria. **5 lbs. 20 cts.; 10 lbs. 35 cts.; 25 lbs. 60 cts.; 50 lbs. $1; 100 lbs. $1.75; 500 lbs. $7.50; 1,000 lbs. $13.50.**

G. & T. CO.'S

Grass Fertilizer

5 lbs. 35c

Well-balanced Fertilizer that will keep your lawn in a healthy condition. For making new lawns, use 100 pounds for every 2,000 square feet; for renovating old lawns, 100 pounds for every 4,000 square feet, mixed with several times its bulk of top-soil. **5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 50 lbs. $2; 100 lbs. $3.50.**

Kainit

Best for asparagus. **5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. 85 cts.; 50 lbs. $1.35; 100 lbs. $2; 200 lbs. $3.50.**

Leaf-Mold

Fine for mulching rhododendrons and azaleas. For window-boxes and sowing flower seeds, mix with good top-soil. **Pk. 50 cts.; ½bus. 90 cts.; bus. $1.50; in 5-bus. lots, $1 per bus.**

Lime, Hydrated

For sweetening soils. **10 lbs. 25 cts.; 50 lbs. 60 cts.; 100 lbs. $1.**

Muriate of Potash

Lb. 10 cts.; 5 lbs. 40 cts.; 10 lbs. 75 cts.

Nitrate of Soda

A great stimulant. To be used when quick growth is desired. **Lb. 10 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $2.75.**

Peat Moss

Granulated. Produced in Sweden. Fine for garden mulch, as it conserves moisture. When incorporated in the soil, it promotes growth and supplies humus, which is very essential for growing plants. **3 qts. 10 cts.; 1½ pks. 25 cts.; bus. 50 cts.; 3 bus. $1; ½bale $1.50; bale $2.50.**

Peerless Fertilizer

(1–10–5.) Fine for spring and summer farm crops.....Bag (167 lbs.) $2.50

Plantabbs

A complete, high-grade food in odorless tablet form. **30 tablets 25 cts.; 75 tablets 50 cts.; 200 tablets $1; 1,000 tablets $3.50.**

Potato Fertilizer

Special. (3–8–8.) Scientifically blended for potatoes and dahlias. **5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. 85 cts.; 50 lbs. $1.50; 100 lbs. $2.50; 167 lbs. $3.**

Potting Soil

A rich screened soil mixed with humus for window-boxes and flower-pots. **Pk. 30 cts.; ½bus. 60 cts.; bus. $1.**

Reliable Crop Grower

(2–12–4.) For wheat, corn, tomatoes, etc. **Bag (167 lbs.) $2.75**

G. & T. CO.'S

Rose Food

5 lbs. 50c

A fertilizer specially prepared for the growth of roses and for the eradication and control of root-pests. Use a trowelful, thoroughly mixed with the soil, before setting out new bushes and apply a liberal dusting in the early spring and the late fall. **5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. $1.50; 50 lbs. $2.50; 100 lbs. $4.**

Trucker's Special

(4–8–5.) A high-grade complete mixture for truckers' use in growing vegetables.
Bag (167 lbs.) $3

Sheep Manure

Pulverized. Valuable in a run-down garden as it adds humus and vegetable matter which are essential for all vegetation. Makes a rich and safe liquid manure, using 1 pound to 5 gallons of water once a week. For greenhouse plants, mix 1 part to about 10 parts of soil. **5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. 85 cts.; 50 lbs. $1.50; 100 lbs. $2.25.**

Sphagnum Moss

Excellent for packing plants and for orchids. **Pk. 50 cts.; bus. $1.25; bale $3.**

Sulphate of Ammonia

Used for same purpose as Nitrate of Soda, but slower and stronger. **Lb. 10 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $2.75.**

Tobacco Dust

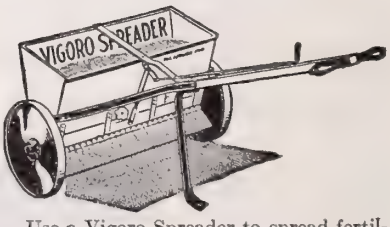
Lb. 10 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 100 lbs. $3.50.

Tobacco Stems

5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.50; 100 lbs. $2.50.

Vigoro

Nourishes plants properly because it is the complete plant-food, containing all the elements that scientists have proved plants must get from the soil. Use at the rate of 1 pound to 50 square feet. **12-oz. pkg. 10 cts.; 5-lb. pkg. 45 cts.; 10-lb. bag 85 cts.; 25-lb. bag $1.50; 50-lb. bag $2.50; 100-lb. bag $4.**



Use a Vigoro Spreader to spread fertilizer evenly. Best results are obtained this way.

Little Vigoro	14-in.	$0 75
Model B Vigoro	14-in.	2 70
Junior Vigoro	16-in.	5 60
Standard Vigoro	24-in.	10 55
Special Vigoro	36-in.	17 25

YARD and GARDEN NECESSITIES

Lawn Settees

The frames are made from strong steel, and the seats and backs from smoothly finished hardwood.

Commonwealth Settees

4-ft.....$6 00 | 5-ft.....$7 00

Meadowbrook Settee

Same as Commonwealth, except with arm-rests.
4-ft.....$6 75 | 5-ft.....$7 75

Universal Settee

A lighter bench than the Commonwealth.
4-ft.....$3 75

The Juvenile Settee

A small Settee of good quality. Frame of 1 x 1¼-inch steel. Eight slats ⅞ x 1½ inch, clear yellow pine with flat surfaces and rounded edges. Color, alternate orange and green.
22-in.....$1 60 | 32-in.....$1 90

Bausman Steel Lawn Swing

Seat 30 inches wide; back 29 inches high; wooden arm-rests. Height of frame, 7 feet. Floor-space required, 5 x 8 feet. Weight, 150 lbs.
With Canopy.....$19 50
Without Canopy..... 17 00

The Deshler R.F.D. Mail-Box

Top and sides made of 20-gauge galvanized steel; door, 18-gauge galvanized steel with the bottom edge doubling back upon itself for a distance of 3 inches. Fits snugly over the curled edge of opening and is weather-proof. Bottom made of 20-gauge galvanized steel, and false bottom of 22-gauge.

Inside Measurements: length 23⅛ in.; height 13¼ in.; width 11 in.

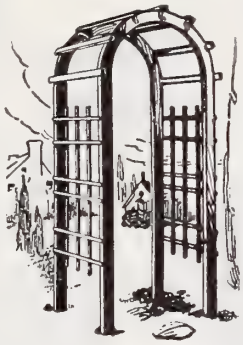
Weight, 350 lbs. per doz., packed in single cartons.....$2.50 each

Smaller Curb-Delivery Mail-Box. $1.

Rustic Bird-Houses

Scientifically constructed from genuine cedar to meet the habits and tendencies of the birds for which the houses are designed.

Wren House. 3½ by 5 in. **30 cts. each.**
Bluebird House. 5 by 10 in. **75 cts. each.**
Robin Roost. 8 by 7 by 11½ in. **$1.45 each.**



Trellis, Arbors, Pergolas

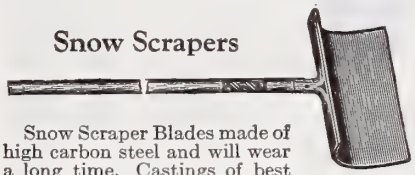
We have a full line of Pergolas, Arbors, and Fan Trellises, made of Tidewater red cypress.
On display in our Retail Store.
No Freight or Express Shipments

House Numbers or Numeral Signs

Large, attractive white numbers for your house or lawn, that can be seen.

	Each
Numbers.....	$0 30
Stands.....	1 00
Stand, with Numbers. Complete...	2 00

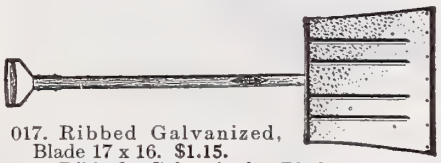
Snow Scrapers



Snow Scraper Blades made of high carbon steel and will wear a long time. Castings of best malleable iron, fastened to blades and handle. Handles of ash, tough, strong, and smoothed. All metal parts given a coat of black paint.

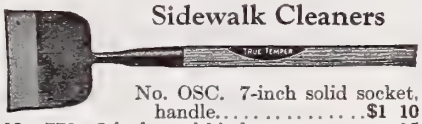
Kohler Scraper. 18-in.....$1 00
24-in..... 1 25

Galvanized Snow Shovel



017. Ribbed Galvanized, Blade 17 x 16. **$1.15.**
021. Ribbed Galvanized, Blade 21 x 16. **$1.30.**

Sidewalk Cleaners



No. OSC. 7-inch solid socket, handle.....$1 10
No. 770. 8-inch steel blade..... 95

Folding Clothes Dryer

Takes up but little space in yard. Spruce arms and steel post; japanned castings.

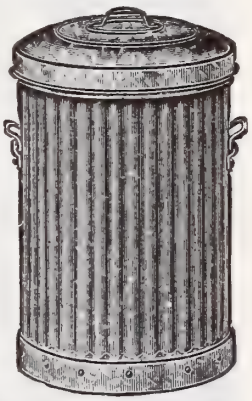
Economy Clothes Dryer. 13-ft. spread; 130-ft. rope. **$6.00 each.**

Removable Steel Clothes-Line Post

Complete with base.....**$2.75 each**
Has 4-hook top. Illustrated at right.

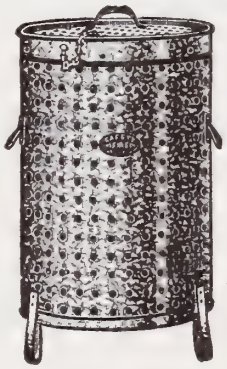
Ash Can

With Cover
Hot Dipped
Water Tight



Heavy Ash Cans

No. 171. 17-gal. **$4.00 each**
No. 181. 20-gal. **$4.25 each**
No. 191. 24-gal. **$4.75 each**
No. 201. 29-gal. **$5.50 each**



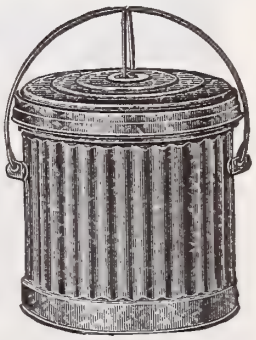
Trash Burner or Consumer

The best way to dispose of your waste-paper and rubbish is to burn it in a Consumer. Avoids danger and helps to keep the yard and lawn clean from litter.

No. 4. 20 in. diam.; 33 in. high....**$4.25**
No. 3. 17 in. diam.; 28 in. high ...**$3.00**

Garbage Cans

Hot Dipped
Galvanized



No. 001. 4¼-gal. **75 cts. each**
No. 021. 6-gal. **90 cts. each**
No. 031. 8½-gal. **95 cts. each**
No. 041. 10-gal. **$1.10 each**

Lighter Ash Cans

No. 76. 13-gal.....$1 35
No. 77. 21-gal..... 1 65

Dustproof Coal Ash-Sifter

Heavy galvanized Sifter with cover to prevent dust escaping. Revolving cylinder with wooden grip handle.....$2.75

EQUIPMENT FOR THE GARDEN and GREENHOUSE

G. & T. Co.'s Plant Tubs

$2

These Plant Tubs are made from best-grade cedar, with strong iron handles and feet. Reinforced with extra-heavy, flat steel hoops. Just the thing for palms, rubber plants, etc. Painted green, with black trimmings.

	Outside top diam.	Depth	
No. 1	12 in.	10¾ in.	$2 00
No. 2	13 in.	12¾ in.	2 70
No. 3	14½ in.	14¾ in.	3 10
No. 3½	16½ in.	15¾ in.	4 00
No. 4	19⅞ in.	16⅝ in.	4 40
No. 5	22⅞ in.	18½ in.	5 75

Cedar Plant Tubs

BALTIMORE STYLE

SIZE No. 3 **60c**

Made of seasoned white cedar and bound with electric-welded wire hoops; painted inside and out with the best-quality green paint, to insure long life. Very practical for florists and for home use.

	Inside top diam. Inches	Inside bot. diam. Inches	Inside depth Inches	Thickness of stave Inches	Each
No. 3	8	6	8	⅜	$0 60
No. 4	9	7	9	⅜	65
No. 5	10	7½	9	7/16	75
No. 6	11	8½	10	½	90
No. 7	12	9	11	½	1 15
No. 8	13	10	12	½	1 45
No. 9	14	11	13	⅝	1 65
No. 10	15	11½	14	⅝	1 85
No. 11	16	12½	15	⅝	2 10

Galvanized Plant Boxes

GREEN FINISH

Sub-irrigating device insures uniform distribution of water and air throughout the entire length of box. Best results obtained by putting gravel, charcoal, moss, or something of the kind in bottom of box up level with top of horizontal water conductor. Then fill with rich earth. Water through upright tube.

24 x 8½ x 6 in.	$1 25
30 x 8½ x 6 in.	1 40
36 x 8½ x 6 in.	1 75

Earthenware Flower Pots and Saucers

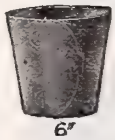
2c each

2-INCH SIZE FLOWER POT

Size	Pots Each	Pots Doz.	Pots 100	Saucers Each	Saucers Doz.
2-in.	$0 02	$0 20	$1 25		
2½-in.	02½	25	1 65		
3-in.	03	30	2 00		
3½-in.	04	40	2 50		
4-in.	04½	45	3 00	$0 04	$0 40
5-in.	08	75	5 25	05	50
6-in.	10	1 15	7 50	06	60
7-in.	17	1 65		10	1 00
8-in.	25	2 50		12	1 20
9-in.	35	3 75		15	1 50
10-in.	50	5 00		22	2 25
12-in.	1 00	10 25		35	3 50
14-in.	1 60			45	
16-in.	3 00			85	

BULB PANS and AZALEA PANS. 4- to 12-in., same prices as above.

Bird's Red Improved Neponset Flower Pots



These Pots are made of specially treated paper which is water-resistant. The reinforcing disc in the bottom prevents the roots from growing out, and adds strength to the Pot. Used extensively by florists and gardeners.

	Doz.	100	1000
2¼-in.	$0 08	$0 50	$3 80
2½-in.	10	55	4 10
3 -in.	15	65	5 10
3½-in.	20	85	6 60
4 -in.	25	1 00	8 00
5 -in.	30	1 30	10 50
6 -in.	35	1 75	14 00

B-B Waterproofed Seed Flats

Each containing a dozen 2-inch square pots. Start your flowers indoors, this modern way, and have earlier and better flowers.

One flat and 1 doz. 2-in. pots, 15 cts. each; 2 for 25 cts.

For Our Complete Line of

POT LABELS AND PLANT STAKES

See Page 73

Watermat

By using Watermats in the pot saucer the roots of house plants are fertilized and watered scientifically from the bottom. This creates a condition similar to a greenhouse, and insures healthier and more beautiful plants and flowers.

	Each
Small size. 3½-in.	$0 20
Medium size. 4½-in.	25
Large size. 6-in.	35

Watermat and Green, Non-rusting Copper-alloy Saucer

	Each
Small size. 3½-in.	$0 35
Medium size. 4½-in.	40
Large size. 6-in.	50

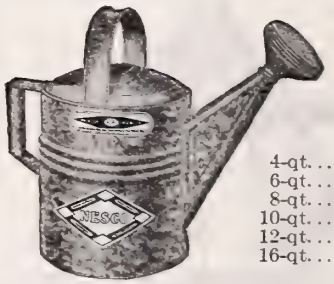
Plant Sprinklers

12-OZ. SIZE **$1**

For sprinkling cut-flowers, seedlings, plants, clothes, etc.

No. C-1. Standard 12-oz. Sprinkler	$1 00
No. B-2. Spray Bulb, Water or Powder	50

Galvanized Iron Clad Watering Pots with Removable Rose



4-qt.	$0 70
6-qt.	75
8-qt.	85
10-qt.	95
12-qt.	1 15
16-qt.	1 45

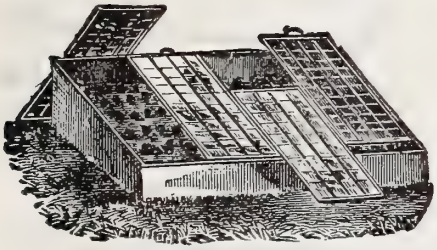
No. 442. Ladies' Watering Can. In green or ivory $1 00

Wotherspoon Watering Pots

These pots are made from the best grade of galvanized iron, and are very heavy and strong. The long spout makes them very desirable for greenhouse and flower-bed use. Each can is equipped with a fine and coarse nozzle, with copper perforation.

4-qt.	$4 25	10-qt.	$5 25
6-qt.	4 50	12-qt.	5 75
8-qt.	4 75	Roses	60

FLORIST AND GARDEN SUPPLIES



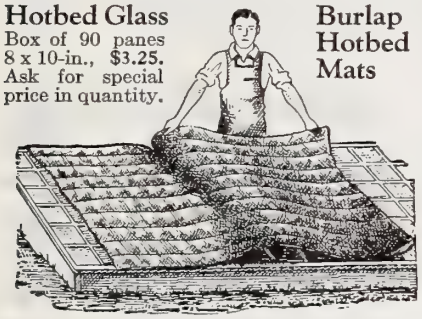
Unglazed Hotbed Sash

3 ft. 2 in. x 6 ft. Grooved or puttied. White Pine, **$2 each.** Ask for special price in quantity.

Hotbed Glass

Box of 90 panes 8 x 10-in., $3.25. Ask for special price in quantity.

Burlap Hotbed Mats



Made of strong burlap, interlined.

	Each	Doz.
40 x 76-in.	$1 75	$17 50
76 x 76-in.	2 75	27 50

Mastica

For glazing greenhouses and sash, new and old. It is elastic, adhesive, and easily applied; not affected by dampness, heat, or cold. Mastica is of great value in going over old houses and sash, as it seals it perfectly tight and saves the expense of relaying the glass.

1-gal. can.....$2 75

Mastica Glazing Machine

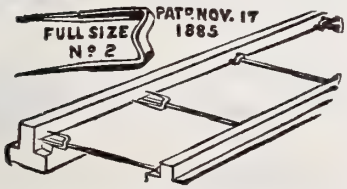
For applying Mastica

Our special price, $3.25.

Putty Bulb

This Improved Putty Bulb is made from a good grade of rubber. Very handy for glazing greenhouses.....**$1.50 each**

(Parcel Post weight, 1 lb.)

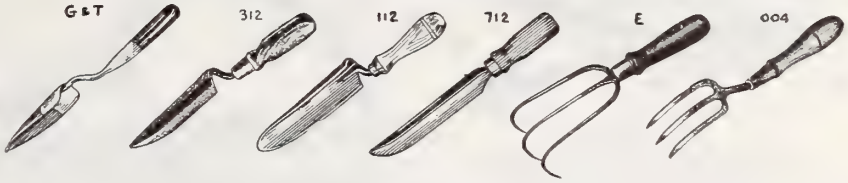


Peerless Glazing Points

Quickly and easily put in. No "rights" or "lefts" to bother with. Made in three sizes: No. 1 for small, single-thickness glass; No. 2 for medium, double-thickness glass; No. 2½ for large, double-thickness glass.

Box of 1,000 (Weight, 1 lb.).....$0 75

Glazing-Point Pincers 85



Garden Trowels

No. 312. Bright steel 6-in. blade with plain durable handle.....$0 10

No. 512. Heavy 6-in. steel blade, with plain, easy-grip handle..... 25

No. 212. Very heavy, 6-in. steel blade and shank in one piece, with polished hardwood handle..... 35

No. 112. Shank and heavy 6-in. forged steel blade, forged like mason's brick trowels. This insures strength and long life. Polished hardwood handle and heavy steel ferrule..... 75

Nos. G. and T. Tempered steel blade, 6½ x 4-in., which is forged in one piece with the ferrule and shank. The material in this Trowel is the best obtainable..... 85

Lawn Weeder

No. 052. Has bent forged-steel blade, hardened and tempered, and 3-foot hardwood handle. Fine for getting weeds out of lawns.....**50 cts. each**

Hand Weeders

No. 004. Has four hardened malleable iron tines, brass ferrule, and polished hardwood handle. 10 inches long..$0 30

No. 003. The three flat, heavy, steel tines are securely fastened to the polished hardwood handle Very strong and durable..... 45

Eureka. Made with three forged-steel tempered prongs 1½ inches apart, with grip handle. The most popular Weeder.

No. E. Short handle..... 50

No. EL. 2-ft. handle..... 60

Transplanting Trowels

No. 712. The blade and shank are of one piece of heavy steel. Unequaled for setting plants and lifting seedlings. 5-in., **15 cts. each;** 8-in., **30 cts. each.**

Dibbers

No. 812. Sharp, polished steel point with shellacked wood handle. The best tool for transplanting vegetable plants. **75 cts.**

Hole-in-One Bulb Planter

The tapered cup removes the soil and makes a perfect planting-hole in one operation. **50 cts. ea.**

Grape Bags

Wired and ready to fasten. **60 cts. per 100, postpaid; $5 per 1,000, postpaid.**

National Eezy-Wear Garden Gloves

Made from specially imported hides processed to render them amazingly soft and pliable. Permit almost barehand freedom yet provide complete all-leather protection. Ideal for garden and similar uses. **Dirt-proof, Durable** and **Washable.** Four sizes: Small and Medium for women; Medium and Large for men. **75 cts. per pr.; 2 prs. $1.40, postpaid.**

GARDEN HANDBOOKS

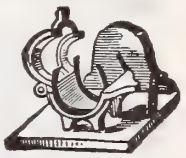
Gardening for the Small Place.
Rock Gardening for the Small Place.
How to Make Garden Pools.
How to Plan the Home Landscape.
Grow Spring Flowers from Bulbs.
Trees and Shrubs for the Small Place.
How to Grow Annual Flowers.
How to Grow Lilies in the Garden.
How to Grow Delphiniums.
How to Grow Vegetables and Berries.

Any of the above Books, 50 cts. each; 3 for $1.25, postpaid

Asparagus Knife

No. 0025. Hammer-forged, hardened and tempered. Polished handle....**35 cts. each**

Asparagus Buncher



This Improved Asparagus Buncher is adjustable for all lengths of bundles, correct in design and quick in operation. (Weight, 8 lbs.) .....**$3.50 each**

Red Asparagus Tape

1,000-yd. spools, **$1.60, postpaid.**

Raffia. See page 73.

Red Rubber Bands

For fastening asparagus and vegetables. 3C (small) or 7C (large), **85 cts. per lb.**

For a beautiful lawn, use

GRIFFITH & TURNER CO.'S IMPERIAL TURF MIXTURE

PRUNING AND TRIMMING TOOLS

Wiss Shock-Absorbing Hedge Shears

These brand-new Hedge Shears have rubber shock absorbers, to prevent the arm-aching jar that is so tiring. Handles are drop-forged, with long handle-grips. The nickeled cutlery steel blades cut with ease; one blade is serrated to prevent twigs from slipping. These are also well-balanced Shears and easily kept sharp.

Length of blade	8 in.	9 in.	10 in.
Weight	3⅜ lbs.	3½ lbs.	3¾ lbs.
Price	$2.50	$3.00	$3.30

Seymour Smith "Ezy-Cut" Hedge Shears

Made of high-grade cutlery steel, hardened and tempered, hollow-ground, and polished, which insures easy cutting. The blades are notched for cutting heavy branches. Handles are of hardwood, polished and finished with the tang extending through the handle and bolted to prevent the handles from coming loose. Well-balanced and easily kept sharp. With 8-in. blades, **$2.45**; 9-in. blades, **$2.60**; 10-in. blades, **$2.80.**

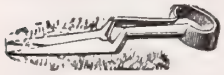
Seymour Smith "Essex" Hedge Shears

Full-size, hollow-ground, notched cutlery steel blades with hardwood handles of natural finish. An outstanding value for the money. Easily kept sharp. With 6-in. blades, **90 cts.**; 8-in. blades, **$1.40**; 9-in. blades, **$1.60.**

Doo-Klip Long-Handled Grass Shears

User stands erect at all times.

Shears supported at proper cutting height by large wheels, which roll easily. Good under shrubbery and bushes and in all difficult places.....$2.50



Grass Shears

No. 150. Bent Handle.....$0 30
No. 460. Trowel Handle..... 50

Sheep Shears

No. 055E. 5½-in. polished blades....$1 00
No. 012E. 5½-in. polished blades.... 1 50
No. 1914. 6-in. full-polished blades... 1 75

Grass Hooks

No. 1. Kelly Hand-Made. Steel blade. Hickory off-set handle, securely riveted to the tang. Well designed and balanced, and easily kept sharp.....**35 cts. each**

No. 1½ Kelly Champion. Polished steel blade. Offset hickory handle, strongly riveted to the tang. Scientifically designed and balanced. Easily kept sharp..... **50 cts. each**

No. 5. Long-Handle Kelly Perfect. Hickory, oval-grip, detachable handle, 44 in. long. Forged steel and polished blade 12 in. long, easily kept sharp....**$1 each**

Best English. Made of the best English steel, securely fastened to handle; holds cutting edge extremely long. Easily kept sharp.

No. 2. Solid Back.....**60 cts. each**

No. 3. Solid Back.....**70 cts. each**

No. 4. Riveted Back Hedge or Grass Hook.....**75 cts. each**

No. 8. Austrian or German. Made of finest Styrian magnet steel with polished edge. Has easy-grip handle. Holds cutting edge and is easily kept sharp.....**60 cts. each**

Grass Clippers

No. 17. Smith. With cast-steel blades, wire ring catch, and unbreakable malleable iron handles that fit hand.....**55 cts. each**

No. 117. Smith. Has tempered cutlery steel, full-polished, hollow-ground blades, spring catch, and unbreakable malleable iron handles that fit the hand. Easily kept sharp.....**80 cts. each**

No. 5600. Wiss. Steel blades accurately tempered and polished; spring catch; malleable, unbreakable handles, 5½-in. cut, easily kept sharp.....**$1 each**

No. 701. Wiss. An improved type with narrow blades for working in awkward places. Steel blade bolted to handle. Handles are curved to fit the hand. Easily kept sharp.....**$1.25 each**

No. 600. Wiss. With offset, unbreakable handles to keep from striking knuckles when trimming close to walk; 7-in. high-quality steel blade and spring-catch, easily kept sharp.....**$1.50 each**

No. 29 Kelly Grass Cutter

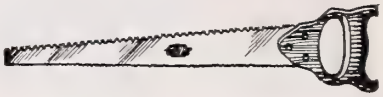
$1.00

Serrated, double-edged, detachable 9-in. Kelly quality true-temper blade, with ash handle, and steel shaft with long ferrule. A strong, double-cutting, golf club type of Cutter that is easily kept sharp.

Atkins Pruning Saws

Atkins Saws are made of Atkins silver-steel, an exclusive formula, which makes the blades as true and perfect as it is possible to make them. The handles are of thoroughly seasoned beech, fully lacquered and polished, and are fastened to the blade with heavy-nickeled screws.

No. 1. Tabel Pruner. 16-in., **$1.25 each**; 18-in., **$1.35**; 20-in., **$1.40.**

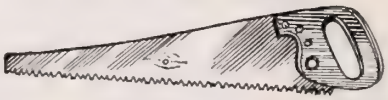


No. 3 Duplex Pruner. Toothed on one edge with lightning teeth for coarse work, on the opposite edge with fine teeth for finer cutting. 16-in., **$1.50 each**; 18-in., **$1.55**; 20-in., **$1.60.**

No. 11. Tapered Pruner. The frame is of high-grade steel, ¾ inch wide and $\frac{3}{16}$ inch thick. The ¾-inch blade can be adjusted to four angles. Frame is tapered to a point to allow cutting in narrow places. 16-in. saw, **$1.95 each.** Extra blades, **30 cts. each.**

No. 16. AAA Pole Tree Pruner. The peg-tooth blade can be adjusted to cut at any angle. The casting is made with a hook to dislodge cut limbs. 16-in. saw and casting, complete, **$2.10 each.** Extra blades, **20 cts. each.**

No. 17. Forester Pruner. With extra-large peg teeth. 26-in., **$2.15 each.**



No. 40. Tuttle Tooth Pruner. 24-in., **$2.90 each.**

Pruning and Trimming Tools

Improved Telephone Pruner

No. 11. Cuts 1-in. branches. Head only, **$2 each.**

No. 12. Cuts 1½-in. branches. Head only, **$4.90 each.**

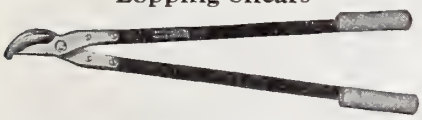
Extra, 1¼-in. octagon Sitka or aeroplane spruce poles, complete with brass coupling for No. 11 Pruner, 8-ft. head section, **$2.30 each;** 6-ft. extension section, **$2.75;** 8-ft. extension section, **$3.40.**

Tip-Top Tree Trimmer

A sectional Tree Pruner which will cut 1-inch branches. Can be furnished in any length in sections of 4 feet each. Sections may be added or taken away for cutting various heights; this saves the expense of buying more than one Pruner. Cuts successfully at 24 feet. It is so constructed that a pole-saw blade may be fastened on the top.

No. 1312. 12-ft. Trimmer, **$2.25 each.** Extra 4-ft. sections, **50 cts. each.** Saw Blades, **20 cts. each.** For a longer or shorter Pruner, add or deduct 50 cts. for each 4-ft. section.

Lopping Shears



No. 3. Essex. High-grade cutlery steel blades, firmly riveted to steel handles. 25 in. long.....**$1 each**

No. 133. Smith. Cutlery steel, ground blades, full polished, with double-cutting action. Strong steel enameled handles, securely riveted to blades. 25 in. long.... **$1.75 each**

No. 055. Redland. With tempered, polished and ground steel forgings, fitted with best 22-in. ash handles, with long strap ferrules. **$2.25 each**

No. 726. Supercut. Built to stand hard use. Cutting parts and 26-in. handles, forged in one piece from special alloy steel. Handle-grips cannot come off..**$3.30 each**

No. 149HH. Snap-Cut. Easily cut 1½-in. diameter. Blades of tempered tool steel. Handles 22 in. long are of best ash, with long steel ferrules pinned to cutting parts. The V-shaped blades cut easier than any other Pruner.....**$3.50 each**

Snap-Cut Tree and Shrub Pruner

A new, handy, light-weight Pruner with a strong aluminum shaft and the famous snap-cut blades. Ideal for pruning briery trees, shrubs, and high vines. Will cut ¾-in. branch.

No. 194. 4 ft. long.....$3 50
No. 196. 6 ft. long..... 4 00

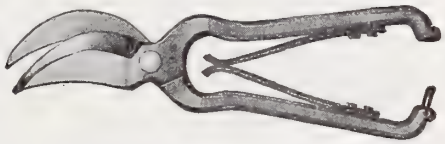
Wiss Long-Handle Pruner, with Hook. Drop-forged cutlery steel hardened and tempered. Length over all, 17 in. **$1.25 each**

Pruning Shears

No. 006. Smith. Cast-iron; steel blade; cast-iron handles. 8 in. long with volute spring.....**35 cts. each**

No. 10. Smith Ladies' Rose. Cutlery steel blades; malleable handles, 6 in. long with volute spring.....**50 cts. each**

No. 32. Seymour Smith. An all-steel Pruner with polished blades and black handle. 8 in. long with volute spring..... **75 cts. each**



No. 260. Smith Drop-forged. Made from high-quality cutlery steel. Polished and ground cutting parts. Enameled handles, 9 in. long, with flat spring....**$1.10 each**

No. 608 Wiss. A well-made, solid steel Pruner. Polished cutting parts. Red handles. 8¼ in. long, with volute spring.. **$1 each**

No. 122. Smith Clipper. All steel with polished blade and hook, hardened and tempered. Has new and improved catch. 8 in. long, with volute spring...**$1.25 each**

No. 118. Ladies' Size. 6-in. snap-cut. Cuts branches ½ in.....**$1.25 each**

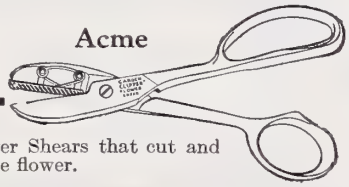
No. 609. Wiss. Japan handles and volute spring. High-quality all-steel, and powerful. 9 in. long.....**$1.50 each**

No. 119. Smith Snap-Cut. Easily cuts ¾-in. branches. All-steel, chrome-finished handles. Unbreakable. The easiest Pruner to operate. Has improved spring catch. 8 in. long .....**$1.75 each**

Extra Volute Springs, 20 cts. each

Acme

65 c.



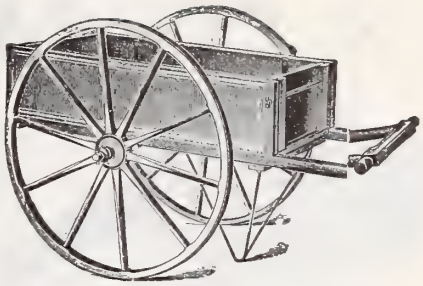
Flower Shears that cut and hold the flower.

Budding Knives

White Handle. 2 blades.....$1 25
Barlow. 1 blade..... 50

Pocket Knives

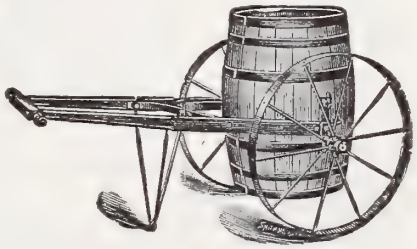
Barlow. 1 blade.....$0 45
Barlow. 2 blades..... 50
Vest-Pocket. 2 blades..... 60



Baltimore Push-Cart

Box, 40 x 22 x 10 in.; tire, 1½ in.; wheel, 36 in.; axle, 1⅛ in.; hub, 6 in.....**$19 each**
Box, 50 x 28 x 10 .....**$24 each**

Extra Wheels, **$4.** | Extra Axles, **$1.**



Water-Trucks and Push-Carts

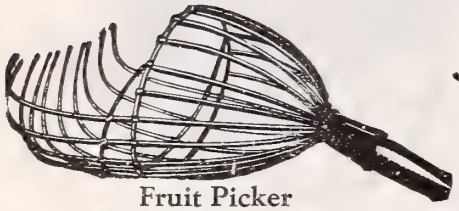
Water-Truck. With regular 1½-in. Tire Steel or 2½-in. Wood Wheels. Height, 32 in.....$16 50
Water-Truck and Barrel..... 21 50
Water-Truck and Box..... 19 50
Water-Truck, Barrel, and Box.... 24 00
Sprinkling Attachment..... 5 00
Leaf-Rack..... 11 00
Barrel..... 5 00
Box..... 3 00
Trunnions. Per pair..... 75
2½-in. Tire Steel Wheels, extra..... 60
3½-in. Tire Steel Wheels, extra..... 1 35

Wheelbarrow Leaf-Rack Attachment

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass, and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bus. Made of galvanized wire, bolted to a wooden base. Price **$5.50**

TREE TANGLEFOOT, GRAFTING WAX AND TREE WOUND PAINT, SEE PAGE 55

FARM AND GARDEN TOOLS



Fruit Picker

As a Fruit Picker it has no superior. It is made of heavy wire, and easily adjusted to a pole.....50 cts. each

Handles

Manure Fork Handles with Strap Ferrule
No. X. 4½ ft., with strap ferrule and cap.....$0 50
No. X. Plain, 4½ ft..... 30

Hay Fork Handles
No. X. Plain, 6 ft..... 50
No. X. Plain, 7 ft..... 80
No. X. Plain, 8 ft..... 1 20

Garden Hoe Handles
No. X. Plain, 4 ft..... 30

Eye Hoe Handles
No. X. For Dig-Easy Hoe, 4½ ft., 2-in. butt..... 40

Shovel Handles (Plain)
No. X. Long, 4½ ft..... 50
No. X. D Handle..... 55

Rake Handles
No. X. Plain, 5½ ft..... 35

Hay Forks

STRAP FERRULE

No. 026X. 2-tine; 6-foot handle.....$1 50
No. 036X. 3-tine; 6-foot handle..... 1 60
No. 037X. 3-tine; 7-foot handle..... 2 10
No. 038X. 3-tine; 8-foot handle..... 2 35

4-Tine Fork

No. 044½X. 4-tine; 4½-ft. handle. $1 40
No. 054½X. 5-tine; long handle..... 1 55
No. 064½X. 6-tine; long handle..... 1 75

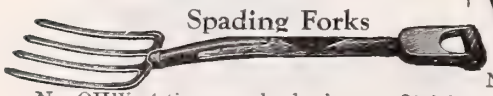
BATCHELOR FORK

No. 044. 4-tine; 4-foot handle..... 1 70

D-HANDLE MANURE FORKS

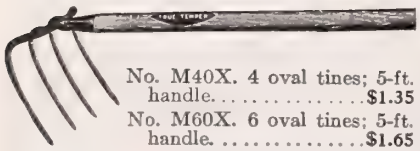
No. 04DX. D handle; 4-tine; regular.. 1 35
No. 05DX. D handle; 5-tine; regular.. 1 50
No. 06DX. D handle; 6-tine; regular.. 1 70
No. 151. D handle; 4-tine; heavy..... 2 65
No. 153. D handle; 4-tine; extra heavy. 2 85
No. 157. D handle; 5-tine; extra heavy. 3 70

Spading Forks



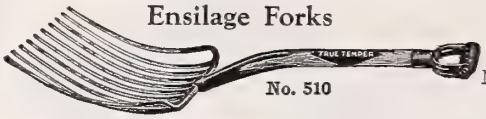
No. OHW. 4-tine; angular back.....$1 75
No. OLD. Medium weight..... 1 25
No. JOW. Jumbo. 4 polished tines... 2 40
No. B4D. Boys.' 4-tine..... 90

Manure Hooks



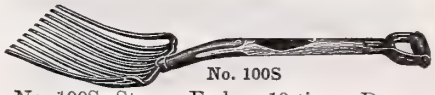
No. M40X. 4 oval tines; 5-ft. handle.....$1.35
No. M60X. 6 oval tines; 5-ft. handle.....$1.65

Ensilage Forks



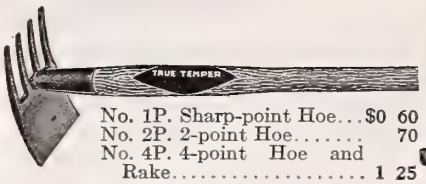
No. 510

No. 508. 8 16-in. tines; iron D handle..$2 85
No. 510. 10 17-in. tines; iron D handle. 3 35



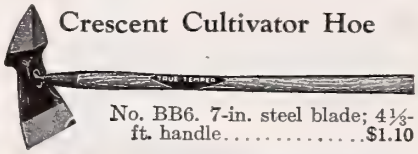
No. 100S

No. 100S. Stone Fork. 10-tine; D handle.....$3 50
No. 102S. Stone Fork. 12-tine; D handle..... 4 00
No. 910. 10-tine; scoop shape; malleable D handle; strap ferrule..... 3 10
No. 912. 12-tine; scoop shape; malleable D handle; strap ferrule..... 3 75
No. 712. Coke Forks. 12-tine; D handle; strap ferrule..... 3 85



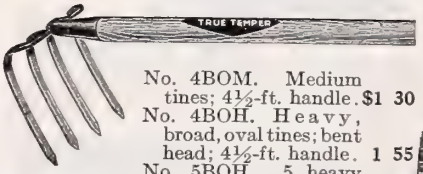
No. 1P. Sharp-point Hoe...$0 60
No. 2P. 2-point Hoe..... 70
No. 4P. 4-point Hoe and Rake..... 1 25

Crescent Cultivator Hoe



No. BB6. 7-in. steel blade; 4⅓-ft. handle.....$1.10

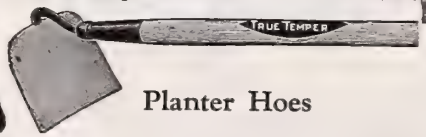
Potato Hooks



No. 4BOM. Medium tines; 4½-ft. handle.$1 30
No. 4BOH. Heavy, broad, oval tines; bent head; 4½-ft. handle. 1 55
No. 5BOH. 5 heavy broad, oval tines; bent head; 4½-ft. handle..... 1 75

Dock Diggers

No. 39D. Square point.....$1 75
No. 39A. V point..... 1 80



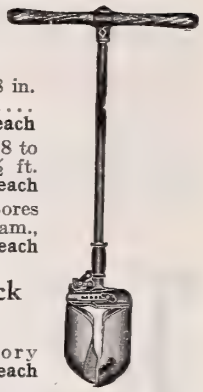
Planter Hoes

No. P75. Heavy-handled Planter Shank Hoe. 7-in. blade.....$0 90
No. P8½-5. Heavy-handled Planter Shank Hoe. 8-in. blade..... 1 00

Garden Hoes

No. GO-67X. Solid Steel Garden Socket Hoe. XX handle.....$1 10
No. G67X. Solid Steel Garden Shank Hoe. XX handle..... 95
No. TY4. Solid Steel Ladies' Shank Hoe. XX handle..... 75

Standard Earth Augers



No. 5. Bores holes to 8 in. in diam., 3½ ft. deep.... $5 each
No. 8. Bores 7 holes, 8 to 14 in. in diam., 3½ ft. deep.....$6 each
No. 16. Telescope. Bores holes 8 to 14 in. in diam., 10 ft. deep .....$14 each

Pick and Mattock Handles

First-quality hickory Handles ....50 cts. each

Picks, Mattocks, and Grub Hoes

No. 1 Gritco. 6- to 7-lb. best-quality warranted steel Railroad Picks.....$1 00
No. 2 Gritco. 8- to 9-lb. best-quality warranted steel Railroad Picks..... 1 10
No. 1 Gritco. 5-lb. best-quality warranted steel Mattocks..... 90
No. 1 Gritco. 6-lb. best-quality warranted steel Mattocks..... 1 00
No. 2 Gritco Warranted Grub Hoe.... 1 00

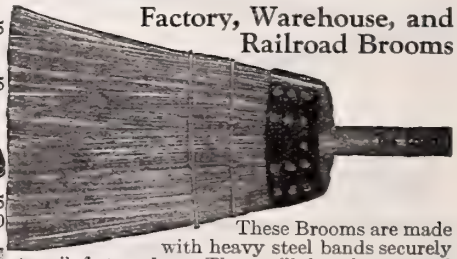
Dig-Easy Mattock Hoes

No. DE3. 1⅜-in. and 3-in. blade.$1.25 each

Steel Asphalt Rake

No. 1014. 14-tooth; strap ferrule..$2.65 each

Factory, Warehouse, and Railroad Brooms



These Brooms are made with heavy steel bands securely nailed together. They will last longer and give better service than the ordinary corn Broom.
No. 223. Japanese Fibre; 14-in.....$0 60
No. 221. Japanese Fibre; 16-in..... 75
No. 200. All-Corn Heavy Warehouse Broom..... 1 00
No. 211. Corn and Bamboo Broom... 90

Stable or Push Brooms

These Brooms are of the highest quality. Made with heavy blocks. No. 2860, Genuine African Bass, 4 rows.....90 cts.

GARDEN TOOLS

Scuffle Hoe

With Handle **$1.35**

No. XGS. Brace or Shank Scuffle Hoe, 8-in. steel blade, with handle. **$1.35 each**

Edging Knives

Flat Top **90c**

No. 040X. Solid steel turf-edger...$1 00
No. 440. Flat-top turf-edger..... 90

No. 1 Sod Lifter
$2.30

Planet Jr. Lawn Edger
$1.50

Wire Potato Scoop
$2.75

Steel Barley Fork
4-tine. $2.75

Cotton Hoes
No. C75X. 7-in. Handled..$0 75
No. C85X. 8-in. Handled.. 85

Street Hoe
No. 12S. 12-in. blade; steel shank; 6-ft. handle. **$2.10 each**

YAMADE "METAL-GRIP" LAWN RAKE

Note the new style with metal grip made of non-corrosive, never-rusting steel. Keeps every tooth permanently placed. Exclusive distributors for this style Rake.

18-in.....$0 60
24-in..... 1 00
30-in..... 1 50

Gardex Pull Hoe

Weeds and Cultivates **95c**

It weeds and cultivates in one operation. V-shaped blade bites into ground while side-guards protect plants in close work. Blade, 4 in. Handle, 4½ ft.
No. 1004.....**95 cts. each**

Gardex Cultivator

3 Prongs **75c**

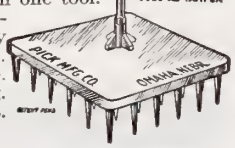
Has three high-carbon steel prongs which penetrate any soil easily. For all types of gardens. 4½-ft. handle.
No. 150–3.....**75 cts. each**

Gardex Culti-Claw

5 Steel Prongs **95c**

Long-handled, to cultivate difficult places in flower and rock-gardens, and under shrubbery. 4½-ft. handle.
No. 180 ..**95 cts. each**

Spike Tamper **$3.50**



A heavy Perforator and Tamper combined in one tool. Can be quickly converted to either by removing one nut. Plate 9 in. square. Spikes, 1¾ in. long. Length overall, 4 ft. Weight, 13 lbs.

Tampers for Post, Sod, and Cement

With extra-large wood handles, 2¼ inches in diameter.

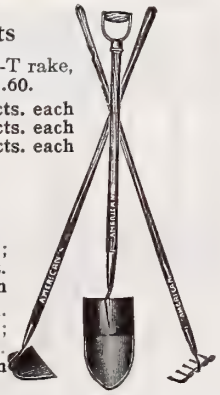
No. 2. Round Tamper. 5-in. diam. (Weight, 15 lbs.).....$1 40
No. 5. Square Tamper. 6 x 6 in. (Weight, 12 lbs.)..... 1 25
No. 6. Square Tamper. 8 x 8 in. (Weight, 17 lbs.)..... 1 40
No. 7. Square Tamper. 10 x 10 in. (Weight, 20 lbs.)..... 1 75

Garden Sets

No. 3FSX. 3-piece, 5-T rake, shovel and hoe. **$1.60.**

Shovel..... **75 cts. each**
Rake..... **50 cts. each**
Hoe..... **70 cts. each**

Two-Hole Mortar Mixers



No. SM29. 9-in. blade; solid socket; 5½-ft. handle...**$1.75 each**
No. SM210. 10-in. blade; solid socket; 6-ft. handle ..... **$1.85 each**

Straight Tooth Rakes

12 Tooth **70c**

No.
S12X. 12-tooth..$0 90
S14X. 14-tooth.. 95
S16X. 16-tooth.....$1 05
S18X. 18-tooth..... 1 25
P12. 12-tooth; single shank..... 70
P14. 14-tooth; single shank..... 75
P16. 16-tooth; single shank..... 85

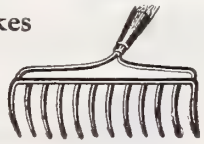
Curved Tooth Rakes

14 Tooth **$1.00**

No. 14CX. 14-tooth.....$1 00
No. 16CX. 16-tooth..... 1 10
No. 18CX. 18-tooth..... 1 25

Prize Bow Rakes

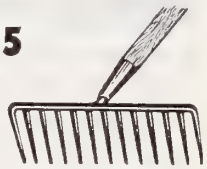
12 Tooth **$1.05**



No. B12X. Prize Bow-braced Rake; solid steel; 12-tooth.....$1 05
No. B14X. Prize Bow-braced Rake; solid steel; 14-tooth..... 1 10
No. B16X. Solid, Bow-braced Rake; solid steel; 16-tooth..... 1 25

Steel Road Rake

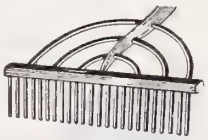
14 Tooth **$1.75**



No. X14. 14-tooth... **$1.75 each**
No. X16. 16-tooth... **$1.80 each**

Wood Rake

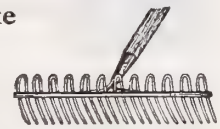
24-Tooth 3 Wire Bows **80c**



Extra teeth. **3 cts. each**

Wire Rake

$1.00



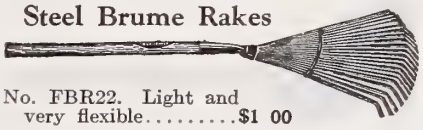
No. 124R. 24-tooth.

Invincible Garden Cultivators

Tines can be adjusted by simply turning a nut.

No. 1GC3. 3-shank.....$0 90
No. 1GC5. 5-shank..... 1 20
Extra teeth..... 15

Steel Brume Rakes



No. FBR22. Light and very flexible.....$1 00
No. FBR24. Straight design.....$1 00
No. LC24. Lawn Comb..... 1 60

FARM AND GARDEN TOOLS

Naylor Brand Plain Black Shovels

The blade and straps are made from separate pieces of steel, with straps welded to the blade. In the blade, stiffness, strength and resistance to abrasion are essential. In the strap, steel is required which is tough, yet ductile enough to conform to the curve as well as the round of the handle.

LONG-HANDLE ROUND-POINT SHOVEL. No. N-103. Size 2. **$1.50 each**

ROUND-POINT D-HANDLE SHOVEL. No. N-102. Size 2.....**$1.50 each**

D-HANDLE SQUARE-POINT SHOVELS.
No. N-100. Size 2, **$1.50**; Size 3, **$1.55**; Size 4, **$1.60.**

D-HANDLE SPADES.

No. N-124. Size 2, Standard Spade, long handle	$1 50
No. N-125. Size 2, Standard Spade, D-handle	1 50
No. N-118. 18-in. Ditching Spade, D-handle	2 00
No. N-120. 18-in. Drain Spade, Round-point, D-handle	2 00

WESTERN PATTERN SCOOPS.

No. N-312. Size 4, D-handle	$1 55
No. N-312. Size 6, D-handle	1 75
No. N-312. Size 8, D-handle	1 90
No. N-313. Size 4, long handle	1 55
No. N-313. Size 6, long handle	1 75
No. N-313. Size 8, long handle	1 90

FURNACE SCOOP. No. 60...**60 cts. each**

SNOW SHOVEL. No. 51. General Purpose.....**60 cts. each**

Ames Shovels and Spades

GENUINE OLIVER

Each Shovel and Spade which bears the signature "Oliver Ames" is your continued guarantee of matchless service. It is identified by the genuine O. Ames Label. Significant of the O. Ames grade is the blade of Ames special alloy, heat-treated for maximum resistance to abrasion, with selected second-growth Northern Ash, extra-strong, fine-grained handle.

LONG-HANDLE ROUND-POINT SHOVEL. No. A-1030.....**$2.25 each**

LONG-HANDLE SQUARE-POINT SHOVEL. No. A-1010.....**$2.25 each**

SQUARE-POINT D-HANDLE SHOVEL. No. A-1000.....**$2.25 each**

D-HANDLE SPADE. No. A-1240. Standard.....**$2.25 each**

NURSERY SPADE. No. A-1280. D-handle, full-strapped.....**$4.25 each**

LADIES' or BOYS' SHOVELS. **Each**

No. A-1150. Ladies' or Campers'..	$1 25
No. A-1140. Campers' or Auto.....	1 25

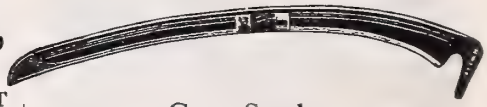
Schwab Long-Sweep Grain Cradle

The Schwab Balance Cradle is made from best material and nicely finished. With 4-finger American blade, **$6.50**; 5-finger, **$7.** Oil-sprung Cradle Finger....**40 cts. each**

Sta-Tite Snaths

No. 300. All blades fit and stay tight. Has new back-saver heel-plate. For light or heavy mowing. 60 in.....**$1.85 each**

No. 50 I-B-S. With back-saver heel-plate. For grass. 60 in.....**$1.65 each**



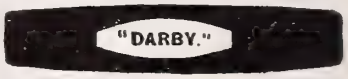
Grass Scythe

Earle Special. (Uses No 50 I-B-S Snath.) **$1.70 each**

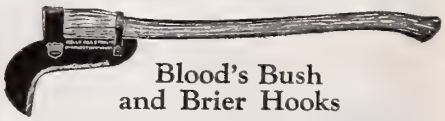
Bush and Weed Scythe

Uses No. 300 Sta-Tite Snath.....**$1.85 each**

Scythe Stones



Darby Creek	$0 20
TJ3. Abrasive	30
TN15. English Round	30
TS3. Rifle	20
TS2. Quick-Cut	15
JD2. Utility File	1 00



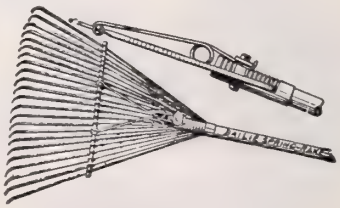
Blood's Bush and Brier Hooks

No. 10. Axe-handle.....**$1.75 each**

English Waldron Blades

Grass Scythe. 34-in.	$3 00
Grass Scythe. 36-in.	3 25
Grass Scythe. 38-in.	3 50
Bush Scythe	3 00
Weed Scythe	3 00

Bailie Lawn Rake



Note the spring on back.
$1.85

Barn Equipment and Miscellaneous Hardware

Breast Chains

Single slack. 27-in., $\frac{5}{16}$ to ¼ taper, **75 cts.**; ⅜ to $\frac{5}{16}$ taper, **$1.**
Double slack. 28-in., heavy. **$1 per pair.**

Cow-Chains

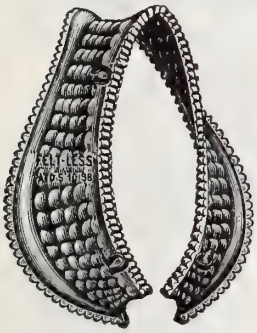
No. 3-0. Bulldog Cow Tie (Ohio pat.)	$0 35
No. 3-0. Halter. 4½-ft.	45
6-ft.	50
No. 0. Chain. 20-ft.	45
No. 00. Chain. 20-ft.	55
No. 000. Chain. 20-ft.	60
No. 0. Chain. 30-ft.	65
No. 00. Chain. 30-ft.	75
No. 000. Chain. 30-ft.	80

Lap-Links

Open-side, polished. ½ x 2½ in., **10 cts.**; ⅝ x 3 in., **15 cts.**; ¾ x 3 in., **20 cts.**

Chain-Repair Links

¼ or 10-2, **20 cts. per doz.**; 9-32 or 10-1, **25 cts. per doz.**
Assorted Links, **30 cts. per box.**



Sweat-Pads

Felt-less

Pinked felt edges; composite filling; four hooks; old-gold drill. Best on the market.

18 to 20 in.	$0 55
21 to 22 in.	60
23 to 24 in.	65

Hame-Strings

⅝ x 54 in. slit. **25 cts.**

Hame-Straps

1-in., sewed	$0 40
1⅛-in., riveted	30

Leather Halters

No. 40. 1¼-in., riveted leather. **$2 each**
No. 21. 1¼-in., double stitched, chrome **$2.25 each**
No. 90. 1-in. Colt Halter **$1.75 each**

Halters

Cow Halter. $1.50.
Calf Halter. $1.

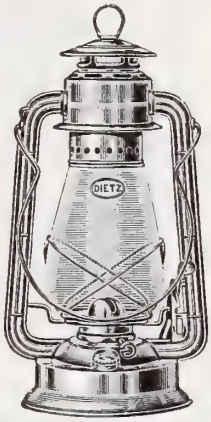
Curry-Combs

No. 167. All-steel; closed back; 6 bars. **25 cts.**
No. 083. Open-back Curry-Comb. **20 cts.**
No. 800. All-steel; closed-back; lacquered; extra-size; oval face; curved knockers; braced shank; extending through handle and riveted, enameled handle, brass ferrule; 8 bars **30 cts. each**

ALL PRICES IN CATALOG SUBJECT TO CHANGE WITHOUT NOTICE.

Dandy Brushes

No. 985. Oval. **60 cts.**
No. 940. Palmetto. **45 cts. each**
No. 950. Palmetto. **50 cts. each**
Leather-back Bristle Army **$1 each**



Dietz Lanterns

No. 2. Dietz Blizzard ....$1.40 each
Junior Wagon. $1.90.
Eureka Driving. $2 each
No. 0. Victor. 90 cts.

Strap Hinges

	Light pair	Heavy pair
4-in.		$0 15
6-in.	$0 16	20
8-in.	20	30
10-in.	40	50
12-in.	55	1 00

Screw Hinges

	Pair		Pair
6-in.	$0 25	20-in.	$0 90
12-in.	45	24-in.	1 20
14-in.	65	30-in.	1 65
16-in.	75	36-in.	1 85
18-in.	85		

T-Hinges

Extra-heavy T.

	Pair		Pair
4-in.	$0 20	10-in.	$0 55
6-in.	25	12-in.	1 10
8-in.	40		

Safety Hasps

3-in.	$0 10
4½-in.	12
6-in.	18

Crowbars

Crowbars. Pinch Point. Weight, 20 to 25 lbs. **10 cts. per lb.**
Wedge Point. Weight, 20 to 25 lbs. **10 cts. per lb.**
Digging Bar, with Rammer combined. **$2.50.**
With Loop Handle **$2.50 each**

Machinists' Knife Handle Wrenches

6-in.	$1 00	12-in.	$1 80
8-in.	1 20	15-in.	2 55
10-in.	1 40		

Stillson Wrenches

8-in., grips ¾-in. pipe	$0 85
10-in., grips 1-in. pipe	90
14-in., grips 1½-in. pipe	1 10
18-in., grips 2-in. pipe	1 50

Cold Chisel

½-in.	$0 20	⅝-in.	$0 25

Punch

½-in.	$0 20	⅝-in.	$0 25

Files

Mill Bastard. 8-in.	$0 20
10-in.	30
12-in.	40
Cross-Cut. 8-in.	40
10-in.	50

Screw Drivers

No. 903. 4-in. blade	$0 40
No. 904. 6-in. blade	45
No. 905. 9-in. blade	50

Claw Hammers

No. 5191½. Hand-made	$0 60
No. 5171½. Falls City	60

Button Pliers

8-in. **75 cts. per pair**

Cast Mauls with Wood End and Wood Handles

10-lb.	$1 60
12-lb.	1 75
16-lb.	2 50

Belt Punches

(Revolving)

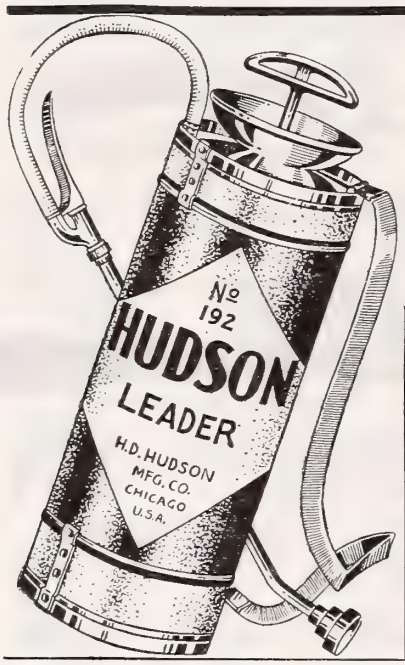
Single tube	$0 35
4-tube	85
6-tube	1 00

Ideal Riveting Machine

This is the best lowest-priced Riveting Machine made. Warranted to set tubular rivets perfectly **85 cts. each**
Tubular Rivets 15 cts. per 100

Protect Your Garden and Your Crops with

QUALITY SPRAYERS



Our Big 3-Gallon HUDSON LEADER

- One of Our Most Popular Sprayers!
- 18-inch Curved Extension Rod!
- Has Nu-Eez Funnel Top Feature!

$3.25

Furnished in Galvanized Tank

Extremely popular because it offers so many features at low cost! Pump of seamless brass tubing, 1¾ by 12 inches. Sealed into tank by pressed-steel cam lock, operated by half-turn of pump handle. (Weight, about 9 lbs.)

HUDSON PERFECTION

4-gal. Capacity

$6.25

Galvanized Tank

Nu-eez funnel top and adjustable nozzle. Tank is 7½ by 21 inches. Seams riveted and heavily soldered. Pump of seamless brass tubing. Equipped with 27 inches of discharge hose and 24-inch brass extension rod.

No. 111GF. Galvanized tank . . $6.25
No. 110BF. Copper tank 9.60

HUDSON STERLING

Has a capacity of about 3¾ gallons. It handles ideally whitewash, cold-water paints, insecticides, disinfectants, etc. Has the new Funnel Top. 24-inch high-pressure spray hose, 18-inch brass extension rod, and solid brass nozzle with various discs. (Weight about 10 lbs.)

No. 115GF. Sterling. Galvanized tank . . . $5.00
No. 115FB. Sterling. Copper tank 7.50

HUDSON CLIMAX

3½-gal. Capacity

$3.75

Compressed-air tank Sprayer. Fitted with our Nu-eez funnel top feature.

Pump of seamless brass tubing 1¾ x 14 inches. Equipped with 24 inches of discharge hose, 18-inch curved brass extension rod, and brass disc-type adjustable nozzle. (Weight, about 10 lbs.)

No. 135GF. Galvanized tank. $3.75

Hudson Junior Sprayer

Has a capacity of 2½ gallons. Very popular with the housewife. Equipped with the Nu-eez funnel top device.

Pump of seamless brass tubing, 1¾ x 15½ inches. Fitted with 24 inches discharge hose, 18-inch brass extension rod, and brass disc-type nozzle. (Weight, about 9 lbs.)

No. 140GF. Galvanized tank $4.50
No. 140BF. Copper tank. 6.85

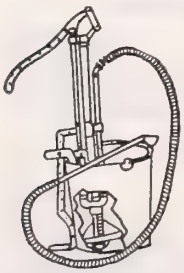
Hudson Modoc Spray Pump

$3.25

A sturdy, all-brass, double-acting, continuous Spray Pump. Adapted for spraying fruit trees, vines, gardens, ornamental shrubs and hedges, washing automobiles, wagons, windows, or as a fire pump. Develops 150 pounds nozzle pressure. Discharge equipment consists of 3 feet ⅜-inch special spray hose, 12-inch curved brass extension rod, and disc-type all-purpose nozzle.

No. 122. . . . . $3.25

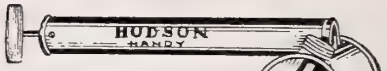
Hudson Moro Spray Pump



$6.25

Designed for use with whitewash, cold-water and cement paints, and sediment-bearing solutions. Tubular brass strainer has 15 times the strainer area of ordinary types. Pump cylinder seamless brass tubing. Fitted with 3 feet of discharge hose, 12-inch iron extension rod and brass disc-type, adjustable nozzle. (Weight, 10½ lbs.)

No. 126SA. (Without pail.) $6.25



HANDY SPRAYER. For the yard, garden, poultry-house, etc. Pump is heavy tin, 1½ inches in diameter, 14 inches long. Tank is heavy tin, lock-seamed and leak-proof.

No. 440. 1-qt. . . . . 35 cts. each

CONTINUOUS SPRAYER. For use with all solutions that are sediment-free. Pump, 1½ inches in diameter, 14 inches long. Fitted with brass syphon tube and nozzle. Adjustable.

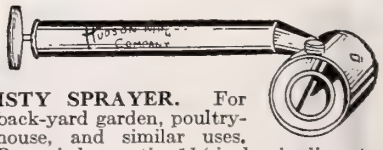
No. 432. 1-qt. . . . . 75 cts. each

CARDINAL SPRAYER (Continuous). For use with fly-oils, insecticides, disinfectants, deodorants. Pump, 1½ inches in diameter, 14 inches long, soldered to tank, braced for extra strength. Adjustable double nozzle. Heavy galvanized steel tank, 5½ x 6¾ inches, double-seamed, thoroughly soldered, air-tested and inspected.

No. 435. 3-qt. . . . . $1.50 each

GLASS JAR SPRAYER. Favorite for household use. Clear, sanitary, efficient. Can be capped and set away with liquid if desired, easily attached or detached. Pump is heavy tin with wood plug and handle. Size of pump, 1¼ x 8 inches.

No. G2½. 3½-oz. . . . . 15 cts. each



MISTY SPRAYER. For back-yard garden, poultry-house, and similar uses. Pump is heavy tin, 1½ inches in diameter, 14 inches long. Tank is heavy tin, lock-seamed and thoroughly leak-proof.

No. 452. 1-qt. . . . . 40 cts. each

VAPOR SPRAYER. Pump is 1¼ inches in diameter, 10 inches long. Tank lock-seamed, thoroughly leak-proof.

No. 222. ¾-pt. . . . . 25 cts. each

Myers General-Purpose Sprayer No. 329

This General-Purpose Sprayer with patent Double Agitator is a most complete and serviceable outfit. The tank is made of heavy galvanized iron with a wide bottom, so as to set steady in operation.

Complete with Hose, Nozzle, Agitator, and Extension Rod.

Our Special Price, $12.50

GARDENS AND CROPS NEED PROTECTION

HUDSON PATROL DUSTER

$1.25

Pump is 1¾ x 14 inches, fitted with special cupped plunger leather. Specially designed powder reservoir.
No. 612 . . . . . **$1.25 each**

An effective pattern for truck gardeners, field-crops, etc. The two 12-inch extensions and reversible angle nozzle permit the operator to reach all parts of the plant.

Hudson Du-More Sprayer

A continuous high-pressure Sprayer for truck- or field-crops, vineyards, ornamental shrubs, flower-gardens, sprinkling lawns, etc. Handles all agricultural insecticides, fungicides, etc. Tank made of prime galvanized or copper sheets. Capacity 4 gallons.

Pump is diaphragm type. Diaphragm rubber specially compounded to resist action of spray materials. Fitted with 3-foot discharge hose, 2-foot iron extension rod, automatic shut-off valve, and brass disc-type adjustable nozzle. (Weight, about 19 lbs.)

No. 147G. Galvanized tank . . . . **$12.95 each**
No. 147B. Copper tank . **$17.95 each.**

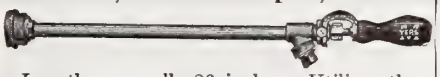
Hudson Crank Duster

For truck-gardens, vineyards, small orchards, etc., as well as clubs, city parks, cemeteries and similar places. Sturdily built. Machine-cut gears semi-enclosed and brass pinions insure easy operation. Four-blade high-speed fan. Agitator prevents clogging and insures uniform feed. Reservoir holds 3 quarts. Brass indicator adjustable for any volume of discharge. Discharge equipment includes three 14-inch tubes, two elbows, one wye, two nozzles and adjustable carrying strap. (Weight, 9 lbs.) No. 603 . . . . **$8 each**

No. 608 Crank Duster

For truck-gardens, vineyards, small orchards, etc., as well as clubs, city parks, cemeteries, and similar places. Sturdily built. Enclosed machine-cut gears, running in oil. Discharge equipment: two nozzles, two elbows, a wye connection and four 15-inch tubes. Equipment can be arranged to dust plants from above, from under side as for aphis, bushes, trees, etc. (Weight, 14¾ lbs.)
No. 604 . . . . . **$13.50 each**

The Myers Power Spray Gun



Length over all, 26 inches. Utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles, and fittings. Fitted for ¾-inch hose coupling and ¼-inch pipe . . . . . **$6.50.**

Gould's Pomona Spray Pump

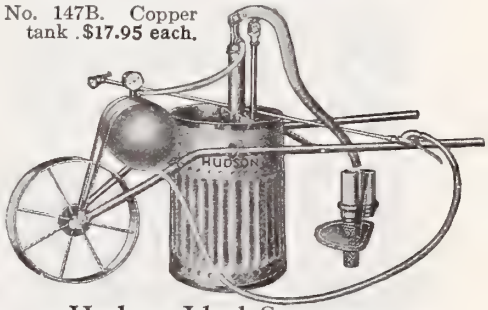
All Working Parts Solid Bronze

A good Barrel Sprayer that will meet every requirement for small orchards of a few acres.

The pump has a steel air chamber, extending from top of pump to valve chamber, making it easy to get up sufficient pressure to continue spraying for some time after pumping has stopped. The pump may be placed in any length barrel, as the barrel plate is adjustable. The agitator is simple, very effective. Outside packed plungers. No. leather packings.

The plunger is 2½ inches in diameter; stroke adjustable to 3, 4, and 5 inches; ½-inch hose discharge.

Pump only with Agitator and Hose Couplings. Price . . . . . **$23.50 each**



Hudson Ideal Sprayer

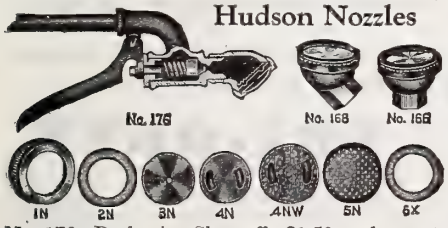
A heavy-duty, high-pressure portable outfit for orchard, vineyard, truck-garden, park, golf club, dairy-barn, poultry-house, etc. Handles insecticides, cold-water paint, etc.

Pump is our 4SA. Non-clogging tubular brass intake strainer provides unusual strainer area. Dasher agitator cleans it at each stroke, preventing any possibility of clogging.

Frame heavy carbon steel tubing reinforced with channel-iron cross-braces and bushing through the wheel-hub. Fitted with 6-foot discharge hose and 4-foot iron extension pipe, brass angle nozzle and shut-off valve.

No. 35S. 18-gal. galvanized tank. (Weight, 102 lbs. as shown) . . . . . **$31.75 each**
No. 34S. 18-gal. galvanized tank, less pressure tank, gauge, and fittings. (Weight, 72 lbs.) Pump and Tank crated, Wheel and Frame knocked down and bundled . . . . . **$21.00 each**

Hudson Nozzles



No. 176. Perfection Shut-off. **$1.50 each.**
No. 168. Fog Nozzle. **65 cts. each.**
No. 166. Fog Nozzle. **65 cts. each.**
No. 1N. Fog Nozzle Cap. **30 cts. each.**
No. 2N. Fog Nozzle Washer. **30 cts. per doz.**
No. 3NC. Fog Nozzle Outside Disc, Reg. **$1.20 per doz.**
No. 3NF. Fog Nozzle Outside Disc, Fine. **$1.20 per doz.**
No. 4N. Fog Nozzle Inside Disc, Reg. **$1.20 per doz.**
No. 4NW. Fog Nozzle Inside Disc, for Whitewash. **60 cts. per doz.**
No. 5N. Fog Nozzle Screen. **$1.20 per doz.**
No. 5X. Leather Gasket for Packing Nut. **5 cts. each.**

Gould's "Fruitall" Spray Pump

All Working Parts Bronze

The Fruitall Sprayer is first class in every respect, while the simplicity of its design allows it to be sold at a very reasonable price. The Sprayer is held in place in the barrel by an adjustable clamp at the top fitting over the end of a stave, and an anchor at the bottom of the barrel.

The Plunger is 2 inches in diameter; stroke, 4 inches.

Pump only with Agitator and Hose Couplings. Price . . . . . **$13.00 each**

Parts for Both Pumps

Misty Jr. Nozzle	$1 00
15-ft. One-half inch Spray Hose	2 25
8-ft. Extension Rod, with couplings	70
Stopcock	1 00
Hose Bands	05
Barrel	5 00

SEE PAGE 54 FOR INSECTICIDES

Hudson Major Duster, Improved

For use with Paris Green, Arsenate of Lead, Calcium Arsenate, and similar poisons. Heavy tin pump 1¾ x 13 inches. Fitted with Air-Pak plunger. Powder reservoir, 4 inches in diameter, 4½ inches long, fitted with air-valve to prevent powder entering pump. Large filler cap. Equipped with two 12-inch extension tubes and two tips, one narrow, one wide. (Weight, 16 lbs.)
No. 665 . . . . . **$1.00 each**

INSECTICIDES AND FUNGICIDES

Keep Your Garden Free From Pests!

LEMON OIL COMPANY'S

Standard Insecticide

This Insecticide is death to pests, safe to plants, harmless to user, low in price and free from disagreeable odor. We recommend this tried and proved Insecticide for mealy bug, aphis, scale, rust, caterpillars, spider, thrip, etc. It is used by the leading florists, nurserymen, and private gardeners, for greenhouse, house and outdoor use. This Insecticide gives the foliage a bright, clean, glossy appearance, and will not disfigure the bloom, when used as directed. It has no odor, which makes it ideal for house-plants. It is non-poisonous. ½ pt. makes 1 gal. of spray.

One half pint **30c**

Pt.	$0 50	Gal.	$2 50
Qt.	85	5 gals.	10 00
½gal.	1 50	10 gals.	19 50

ANTISEPTIC. For insect and mildew control on all plants, trees, and shrubs. Equipment: **Nozzle, $1. Shut-off, $1.25. 12-in. Extension, 75 cts. 30-in. Extension, $1.25.**

Cartridges. Nicotine, 35 cts. each; $1 for 3. Sulphur, 25 cts. each. Arsenate of Lead, 20 cts. each; $1 for 6. Fertilizer, $1 for 25.

ARSENATE OF LEAD. For use against insects that chew and for such insects as the fruit-flies that lap and suck up sweetened liquids. 1 to 1½ lbs. to 50 gallons of water. **1-lb. pkg. 25 cts.; 4-lb. pkg. 60 cts.** Write for prices in quantity.

ARSENITE OF ZINC. 1-lb. pkg. 25 cts.; 4-lb. pkg. 65 cts. Write for prices in quantity.

BLACK-LEAF 40. Nicotine Sulphate—40 per cent Nicotine. It destroys soft-bodied sucking insects without injury to the foliage. 1 oz. makes 6 gals. of spray. **Oz. 35 cts.; 5 ozs. $1; lb. $2.25; 2 lbs. $3.25; 5 lbs. $5.85; 10 lbs. $10.60.**

BLUESTONE (Copper Sulphate). Lb. 20 cts.; 5 lbs. 65 cts.; 10 lbs. $1; 100 lbs. $7.

BORDEAUX MIXTURE. The standard remedy for fungous diseases. 1 lb. makes 8 gals. of spray. **Lb. 25 cts.; 4 lbs. 60 cts.** Write for prices in quantity.

CALCIUM ARSENATE. A quick-acting, inexpensive poison for leaf-eating insects. **Lb. 15 cts.; 4 lbs. 45 cts.** Write for prices in quantity.

COPPER LIME DUST (20-20-60 Dust). For Mexican bean beetle. **Lb. 15 cts.; 5 lbs. 50 cts.** Write for prices in quantity.

DRITOMIC SULPHUR. A fungicide in dry form. Will give fruit the sulphur finish without interfering with the assimilatory functions of the foliage or the development of the plant. 1 lb. makes 20 gals. of spray. **Lb. 25 cts.; 5 lbs. 75 cts.**

EVER GREEN. Non-poisonous. Will kill both sucking and chewing insects. 1 oz. makes 6 gals. of spray. **Oz. 35 cts.; 6 ozs. $1; 16 ozs. $2; gal. $11.**

FISH-OIL SOAP. Good for scale, caterpillars, and lice. 3 ozs. makes 1 gal. of spray. **Lb. 30 cts.; 5 lbs. $1.25; 10 lbs. $2.40; 25 lbs. $3.50; 100 lbs. $10.**

FLUOSILICATE DUST MIXTURE. Controls Mexican bean beetles, potato bugs, cucumber beetles, boll weevils, cutworms, ants, etc. **Lb. 25 cts.; 5 lbs. 85 cts.; 10 lbs. $1.60; 100 lbs. $14.**

FUNGTROGEN. A liquid spray for the control of mildew and black-spot. Invisible on foliage and blooms. **½pt. 75 cts.; pt. $1.25; qt. $2; ½gal. $3.50; gal. $6.**

GARDEN FLIT. A dust that kills both sucking and chewing insects. The package may be used as a duster. **50 cts. each.**

GRAPE AND ROSE DUST (Hammond's). Non-poisonous. For black-spot, mildew, and leaf-eating insects. **Lb. 35c.; 5 lbs. $1.25.**

KAYLOX

An insecticide and fungicide which kills insects and prevents blight. Keeps foliage of trees and vegetables green and healthy and free from bugs and worms throughout the growing season. It is in powder form, which makes it very economical. ½lb. makes 5 gals. of spray. **½lb. 25 cts.; lb. 45 cts.; 5 lbs. $2.10; 10 lbs. $3.75; 25 lbs. $7.75.**

KAYSO. A combined casein spreader and adhesive which makes spraying more economical and efficient. **2 lbs. 40 cts.; 100 lbs. $15.**

LIME-SULPHUR SOLUTION. A dormant spray for San Jose scale. 1 gal. makes 10 gals. of spray. **Qt. 30 cts.; ½gal. 50 cts.; gal. 75 cts.; 5 gals. $2.50; 10 gals. $4.** Write for prices in drum lots.

LIME-SULPHUR, DRY. 12 to 14 lbs. will make 50 gals. of spray. **1-lb. cans 30 cts.; 5-lb. cans $1.25; 12½-lb. bags $2; 25-lb. drums $4; 100-lb. drums $12; 200-lb. drums $22.**

MAGNESIUM ARSENATE. For spraying. 1 lb. makes 50 gals. of spray for the bean beetle. **2 lbs. 60c.; 100-lb. drum $22.**

MAGNESIUM ARSENATE. For dusting. Prepared ready to use. **4-lb. pkg. 60 cts.; 100-lb. drum $12.**

PARIS GREEN. For chewing insects. **¼lb. 15 cts.; lb. 40 cts.; 5 lbs. $1.75.** Write for prices in quantity.

POMO-GREEN (with Nicotine). The leaf-green-colored, all-in-one spray or dust for both insects and diseases on flowering plants and shrubs without being conspicuous on the foliage. Especially good for roses. Controls black-spot, mildew, and aphis. **Lb. 75 cts.; 5 lbs. $3; 25 lbs. $12.50.**

POMO-GREEN (without Nicotine). An effective leaf-green-colored insecticide for spraying or dusting for control of black-spot, mildew, and external leaf-eating insects on plants and shrubs, especially roses. **Lb. 50 cts.; 5 lbs. $1.75; 50 lbs. $12.50.**

POMODUST. An inexpensive spray or dust, but the yellow powder shows on the foliage. Used for some insects as Pomo-Green. **Lb. 30 cts.; 5 lbs. $1.15.**

Red Arrow Garden Spray

The non-poisonous, all-purpose Garden Spray. Kills many sucking and chewing insects, including aphids, bean beetle, Japanese beetle, aster beetle, rose bug, etc. Does not injure the foliage or affect the soil. 1 oz. makes 8 gals. of spray. **Oz. 35 cts.; 4 ozs. $1; pt. $2.50; qt. $4; gal. $12.**

ROTENONE DUST. This Rotenone is especially processed so that its toxic life will last 6 to 10 times longer. Recommended for beetles, aphids, and most chewing and sucking insects. **Lb. 35 cts.; 5 lbs. 85 cts.; 25 lbs. $4.** Write for prices in larger quantities.

SCALECIDE. For San Jose scale. More effective than lime-sulphur and has no unpleasant odor. A miscible oil spray. 1 gal. makes 16 gals. of spray. **Qt. 65 cts.; gal. $1.55; 5 gals. $5.50; 10 gals. $9.50; 15-gal. drum $11.25; 30-gal. drum $18.50; 50-gal. drum $26 (plus deposits on drums); 15 gals. $2; 30 gals. $2.50; 50 gals. $3.**

SELOCIDE. A new poison for red spider. For hothouse or garden plants, but not to be used on vegetable or food crops. 1 qt. will make from 25 to 100 gals. of spray. **Qt. $1.35; gal. $3.50; 5 gals. $16.75.** Write for prices in larger quantities.

SLUG-SHOT (Hammond's). The original Rotenone-base, non-poisonous insecticide-fungicide. Use 10 to 40 lbs. an acre. **Lb. 25 cts.; 5 lbs. $1; 25 lbs. $3.**

SULFOCIDE. A concentrated liquid fungicide for fruits, vegetables, and flowers. 1 pt. makes 25 gals. of spray. **Pt. 50 cts.; qt. 85 cts.; gal. $2.25; 5 gals. $7.50; 10 gals. $13.50; 15 gals. $18.50; 30 gals. $33; 50 gals. $50.**

SULPHUR, COMMERCIAL FLOUR OF. 100-lb. bags $3.25.

SULPHUR, DUSTING. (85-15 Dust.) Effective for strawberries and melons. **100-lb. bag $6.50.**

SULPHUR, FLOWERS OF. Lb. 15 cts.; 5 lbs. 50 cts.; 10 lbs. 90 cts.; 25 lbs. $2.

TOBACCO DUST. For plant-lice. See page 42.

TOBACCO STEMS. See page 42.

TRI-OGEN

Reg. U.S. Pat. Off.

The all-purpose spray for all insects, black-spot, mildew, and other fungous diseases. Ideal for roses. **Small Kit, $1.50; Medium Kit, $4; Large Kit, $6; Estate Kit, $20.**

VOLCK, GARDEN. A complete Volck nicotine combination spray for garden use. Controls aphis, scale, mealy bug, red spider, mildew, and rusts. **3 ozs. 35 cts.; pt. $1.**

VOLCK, NURSERY. Effective and powerful for ornamental and flowering plants. Controls red spider, aphis, scale, mealy bug, thrips, caterpillars, etc. Odorless and colorless. Makes foliage glossy and glistening after using. **½pt. 35 cts.; qt. 75 cts.; gal. $2; 5 gals. $6.25; 14 gals. $14; 28 gals. $25.20.**

For Cutworms and Root Pests

PARA-DICHLOROBENZENE. For peach-tree-borer control, use in May and September, 1 ounce (approx.) per tree. **Lb. 45 cts.; 5 lbs. $1.75; 10 lbs. $3.25; 25 lbs. $6.50; 100 lbs. $22.** Ask for prices in larger quantities.

SNAROL. A new, safe method to kill cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc. Broadcast on ground under the vegetation; will not deteriorate from rain. **1½ lbs. 35 cts.; 4 lbs. 85 cts.; 15 lbs. $3.15; 50 lbs. $8.**

Fumigants

CYANOGAS (G Fumigant). Creates a deadly gas effective in controlling aphis, thrips, white fly, etc. Easily applied, having high efficiency at low cost. **5 lbs. $3; 25 lbs. $10; 100 lbs. $30.** *Not mailable.*

NICO-FUME PAPER. A nicotine-treated paper giving off strong fumes when ignited. **24 sheets $1.25; 144 sheets $4.50; 288 sheets $8.**

NICO-FUME TOBACCO POWDER. Effective in fumigating greenhouses to destroy aphis, thrips, etc. **5 lbs. $3.35; 10 lbs. $5.85.**

NICO-FUME PRESSURE FUMIGATOR. **½lb. 45 cts.; lb. 75 cts.**

TOBACCO STEMS or DUST. See Insecticides.

Tree Paints, Etc.

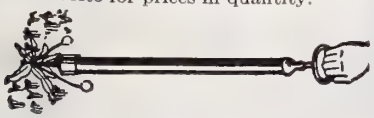
GRAFTING WAX. Used for grafting, budding, etc., and for painting cuts and bruises after trimming trees, shrubs, and vines. **¼lb. 20 cts.; ½lb. 35 cts.; lb. 60 cts.**

TREE TANGLEFOOT. A sticky material for banding trunks of trees, etc., to protect against climbing insects. One application lasts 3 months. **6 ozs. 35 cts.; lb. 65 cts.; 5 lbs. $3; 10 lbs. $5.65.**

TREE WOUND PAINT. An antiseptic, penetrating paint to stop tree-bleeding and prevent infection of pruned or damaged portions. **½pt. 35 cts.; pt. 60 cts.; qt. $1; gal. $2.50.**

Weed, Dust, and Ice Control

CALCIUM CHLORIDE. Lays dust and controls weeds on roads, tennis-courts, etc. Also melts ice many times faster than salt. For dust, use 2 lbs. per sq. yd. **5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. $1; 100 lbs. $2.50.** Write for prices in quantity.



A non-corrosive metal gun with needle ejector for killing dandelions and other weeds. One punch into any weed is sufficient to kill it. **Gun, complete, $3.**

KILL-WEED. For the destruction of grass, weeds, vines, bushes, poison ivy, etc., on roads and places vegetation is not desired. One gal. makes from 30 to 40 gals. mixed with water. **Qt. 50 cts.; ½gal. 90 cts.; gal. $1.50; 5 gals. $6.25; 10 gals. $10; 30 gals. $25; 50 gals. $40.**

Seed and Soil Inoculations and Disinfectants

COPPERCARB. A remedy for bunt or stinking smut in wheat. This powder is applied at the rate of 2½ to 3 ozs. per bus. **5 lbs. 90 cts.**

LEGUME CULTURE. A jelly culture which means better crops and less fertilizer expense. Causes the roots to form nodules which take nitrogen from the air.

For small seed (alfalfa and Clovers), **½-bus. size 30 cts.; 1-bus. size 50 cts.; 2½-bus. size $1.**

For large seed (beans, peas, vetch, soy beans), **1-bus. size 30 cts.; 2-bus. size 50 cts.; 5-bus. size $1.**

Garden size (for garden peas, sweet peas, lima beans, or lupines), **25 cts.**

Note. When ordering, state variety and kind of seed for which the culture is to be used.

NEW IMPROVED CERESAN. Effective in controlling bunt or stinking smut and stripe in barley, oats, and wheat. One lb. treats 32 bus. **Lb. 70 cts.; 5 lbs. $3.**

NUGREEN. For preventing and controlling brown patch in lawns and golf greens. One lb. treats from 1,000 to 2,500 sq. ft. **5 lbs. $6.30; 25 lbs. $29; 100 lbs. $115.**

SEMESAN. For bulbs, roots, flower, and vegetable seeds. Disinfects seed against many diseases and helps prevent rotting and damping-off. Also effective in controlling brown patch. One oz. treats 15 lbs. of seed. **2 ozs. 35 cts.; lb. $2.25; 5 lbs. $9.90; 25 lbs. $45.50; 100 lbs. $180.**

SEMESAN BEL. For seed potatoes. Controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. Increases standard yield. One lb. treats 60 to 80 bus. **4 ozs. 45 cts.; lb. $1.50; 5 lbs. $6.75; 25 lbs. $31.**

SEMESAN JR. For seed corn. A protection against many seed-borne infections, from rotting in the ground, and makes earlier planting possible. One lb. treats 8 bus. **4 ozs. 35 cts.; lb. $1; 5 lbs. $4.75; 25 lbs. $21.**

TEROGEN

A soil-disinfectant that destroys insect pests and diseases before they can attack. Especially good for rose-beds. Use 1 lb. to 10 sq. ft. of soil. **Lb. 75 cts.; 2 lbs. $1.25; 5 lbs. $2.75; 10 lbs. $4.75.**

Exterminators

ANTROL. Kills ants in their nests. Poison carried to nests by worker ants. Safe, sure, permanent. Ready filled sets, containing 4 filled Feeders, **40 cts.** Regular Sets with Containers and 4-oz. bottle of Syrup, **75 cts.** Antrol Syrup, **4 ozs. 35 cts.; pt. 85 cts.**

CYANOGAS. A Dust. Makes a deadly gas to kill rats, moles, groundhogs, snakes, rodents, and insect pests. **½lb. 45 cts.; lb. 75 cts.; 5 lbs. $3; 25 lbs. $10.**

CYANOGAS ANT-KILLER. The deadly gas kills all ants in the nest. 4-oz. size will kill a million ants. **4 ozs. 30 cts.**

DETHOL. A household spray for flies, mosquitoes, fleas, etc.; also for poultry-houses and farm stock. **½pt. 30 cts.; pt. 50 cts.; qt. 90 cts.; gal. $3.**

MOLOGEN

(Trade Mark)

MOLE KILLER

Eliminates moles from your lawn within 2 or 3 days! Non-poisonous to humans and pets. In powder form. Will in no way injure soil or grass. Emits no gas. Odorless. **½-lb. can 50 cts.; 1½-lb. can $1.25; 5-lb. can $4.**

Lag's Dog and Cat Chaser

Protects trees, shrubs, and bushes from damage by animals. Harmless to animals and plants. Will not stain and can be used on furniture. **Small bottle, 25 cts.; large bottle, 50 cts.; pt. $1.50.**

NAPHTHALENE FLAKES. Used for sprinkling lightly over bulbs for protection against moles and field-mice. **Lb. 25 cts.; 5 lbs. 75 cts.; 25 lbs. $3.50.**

NO-CROW. To treat corn and other seed to repel crows, birds, moles, squirrels, etc. Costs about 10 cts. to treat an acre. Non-poisonous. **½pt. 60 cts.; pt. $1.**

ONE-SPOT FLEA KILLER. One-Spot is so called because it requires application only on one spot to kill all the fleas on the animal. Place on the skin under the hair. One-Spot is absolutely harmless, even if applied all over the animal or eaten by it. **1-oz. pkg. 25 cts.; 3-oz. pkg. 50 cts.**

PASTOXINE RAT POISON. A product of Pasteur Laboratories. Non-poisonous to man, domestic animals, or poultry. Develops symptoms in rats and mice that bring them into the open to die. **Pkg. (enough to kill 100 rats) 60 cts.**

Traps

ANTROL ANT TRAPS. Ready to use. Kills both sweets- and grease-eating ants. Most effective and lasting Ant Trap ever devised. **15 cts. each.**

JAPANESE BEETLE TRAPS NO. 4. For larger homes, estates, and parks. Will last for years. Fitted with a standard screw cap for 1- or 2-quart Mason jars. Can use either liquid or dry bait. **Traps, $1 each.**

NO. 0 TRAP. For smaller homes. Well made and long lasting. Designed for dry bait. Fitted with screw cap for any Mason jar. **40 cts. each.**

IRON STAKES. For Beetle Traps. **35 cts. each.**

BEETLE BAIT, DRY. **Oz. 50 cts.; lb. $1.25.**

BEETLE BAIT, LIQUID. **¼pt. 25 cts.; ½pt. 50 cts.**

Little Giant Mole Trap

Self-setting by pressing down on lever. Very convenient feature found on no other trap. Made from best spring steel, thoroughly galvanized. Simple and durable in its construction. **$1.** (Weight 2 lbs.)

Out-of-Sight Mole Trap

Considered one of the best and cheapest Mole Traps on the market. Especially valuable for hotbeds and frames on account of convenient size. **$1.25.** (Weight 2 lbs.)

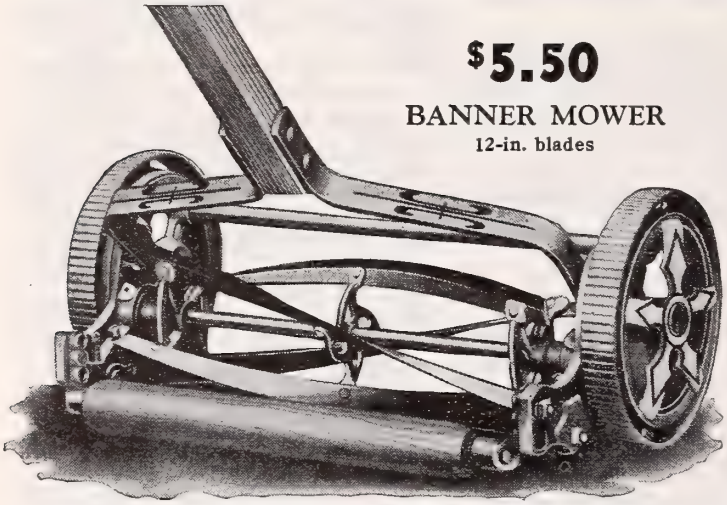
VICTOR SPRING MOUSE TRAPS. **3 for 10 cts.**

VICTOR SPRING RAT TRAPS. **10 cts. each.**

WIRE or CAGE RAT TRAPS. **75c. each.**

For Dependability . . . G. & T. Co.'s Famous Pennsylvania

LAWN MOWERS



$5.50

BANNER MOWER

12-in. blades

Compare Every Feature!

- Has 4 Crucible Steel Cutting Blades!
- Runs Smoothly on Ball-bearings!
- Has 8-inch Open-spoke Wheels!

A Mower that's known to hundreds of Griffith & Turner customers for its many superior features! Cutters are mounted on smooth-running ball-bearings, accurately machined and perfectly aligned.

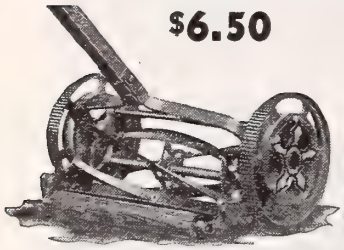
12-in. Cutting Blades	$5 50
14-in. Cutting Blades	5 70
16-in. Cutting Blades	5 90

KLIFTON MOWER
10-in. wheel. 4 blades.
14-in. $6.25; 16-in. $6.50; 18-in. $6.75.

ORCHID MOWER
10-in. wheel. 5 blades.
15-in. $10.50; 17-in. $11.

A Mower for Every Purse and Every Purpose!

$6.50

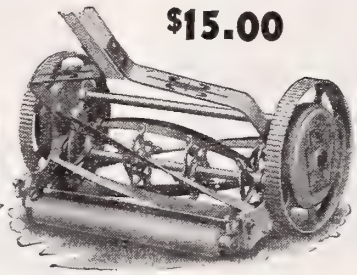


THE LINCOLN

Extremely simple in construction, yet unusually strong and durable. 10-in. Wheels; 5 Blades.

14-in.	$6 50
16-in.	6 75
18-in.	7 25

$15.00



THE WM. PENN

A Mower with all-steel ball-bearings, 10-in. Wheels, and 5 crucible steel 17-in. Cutting Blades. Made in one size only, $15.

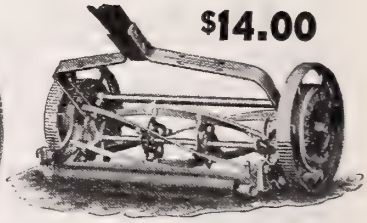
$15.00

PENNALITE BB

An aluminum Mower of light weight, yet sturdy construction. Weighs only 29 pounds.

17-in. Blades	$15 00
Pennalite with rubber-tired Wheels	17 50

$14.00



GREAT AMERICAN

A Mower of finest Pennsylvania quality! Can be regulated to cut from ⅜ to 1⅜ inches from the ground.

15-in.	$14 00
17-in.	16 00
19-in.	18 00
21-in.	20 00

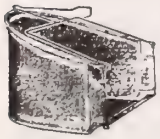
Lawn Trimmer

Fine for Close-Cutting Jobs!

$7.50

Our Ace Trimmer will do an excellent job of trimming around flower-beds, shrubs, walks, trees, etc. Has steel blades, cutter-bar, and roller.

Grass Catcher



$1.00

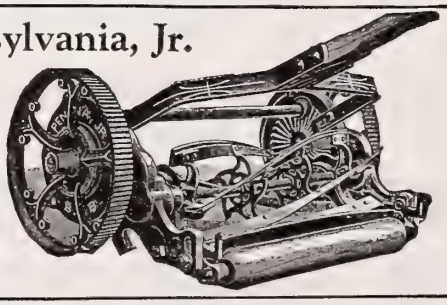
Made of extra-heavy canvas with galvanized bottom and wire handle. May be adjusted to fit any Mower.

Pennsylvania, Jr.

5 Blades

A Pennsylvania Mower that can be depended on for years of fine service!

15-in.	$19 00
17-in.	21 00
19-in.	23 00
21-in.	25 00



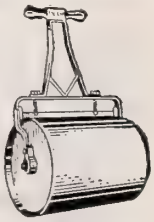
EXPERT SHARPENING AND REPAIRING

Our well-equipped shop and competent mechanics assure you a first-class job of sharpening and repairing. We will gladly receive repair jobs of every description.

CAST-IRON HAND LAWN ROLLERS

504. 20-in. diam., 20 in. long. Weight, 250 lbs. $24.00
507. 20-in. diam., 24 in. long. Weight 300 lbs. $30.00
509. 24-in. diam., 20 in. long. Weight 400 lbs. $39.50

Lawn Roller



Water Ballast Type!

$8.50

With Roller Bearings and Scraper

No.	Drum Diam.	Drum Length	Weight *Filled*	Price
601	14″	24″	175 lbs.	$11 00
602	18″	24″	265 lbs.	12 50
603	24″	24″	420 lbs.	15 25
604	24″	32″	560 lbs.	17 00

With Plain Bearings

605	14″	24″	175 lbs.	8 50
606	18″	24″	265 lbs.	10 00
608	24″	24″	420 lbs.	13 25
609	24″	32″	560 lbs.	15 00

For Extra Service, Use Griffith & Turner Co.'s Quality

GARDEN HOSE

- *Seamless Inner Tube!*
- *Tough Double Braiding!*
- *Corrugated Rubber Core!*
- *Extra Layers of Tough Cord!*

Gritco Garden Hose

Contains features found only in highest-priced Hose! The rubber is seamless and unusually tough. Wall of the Hose is reinforced with braided cord. Flexible and long-lasting.

¾-in.	Per ft.		Per ft.
1 to 24 ft.	$0 20	50 ft. or more	$0 19
25 to 49 ft.	19½		

Our popular "Oriole" Garden Hose is built to last! It is made of high-grade rubber stock that will not deteriorate rapidly with age. The rubber lining or inner tube is seamless, and extra strength is given by the jacket of braided cotton. Flexible; will not kink. ⅝-in.

	Per ft.
1 to 24 ft.	$0 13
25 to 49 ft.	12½
50 ft. or more	12

Premier Garden Hose

U. S. Rubber Co.'s Hose. Single, braided, with maroon corrugated cover. Contains same high-grade rubber as more expensive brands.

⅝-in.	Per ft.		Per ft.
1 to 24 ft.	$0 10	50 ft. or more	$0 09
25 to 49 ft.	09½		

Power Mowing at Low Cost!

MOTO-MOWER

Runs on Average of 8 Hours on Gallon of Gas!

$78.00

Here is efficient power-mowing at moderate cost! A twist of the wrist controls the power. Operates on hills and terraces. Has fine 4-cycle valve-in-head Briggs & Stratton motor. Splash oil system used. 24- and 30-inch Mower has clutch for throwing out.

Super Detroit. 30-in., with iron wheels $310 00
Slip-on rubber tires, extra .. $12 00
15 x 4½-in. pneumatic tires, extra $16 00
Standard. 24-in., with pressed steel wheels..... $250 00
Slip-on rubber tires, extra... $10 00
14 x 4-in. pneumatic tires, extra 13 00
City Model. 22-in., with slip-on rubber tires 200 00
Junior. 21-in., with 11 x 3¼-in. pneumatic tires 145 00
Junior. 19-in., with slip-on rubber tires 115 00
Moto Boy. 17-in., with slip-on rubber tires..... 78 00
Super Detroit, Heavy Duty. 30-in., with 15 x 4½-in. pneumatic tires 355 00
Trailer Units. 20-in., with pneumatic tires. 90 00
Sulky, with pneumatic tires..... 32 50
Sickle-Bar for 24-in. Mower 52 50
Sickle-Bar for 30-in. Mower 55 00

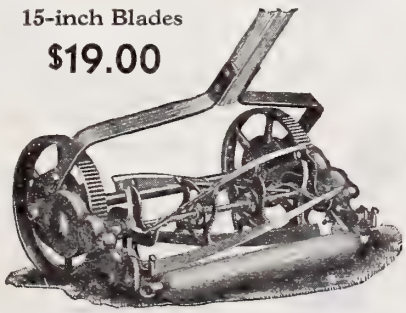
"Continental" High-Wheel Mower

15-inch Blades

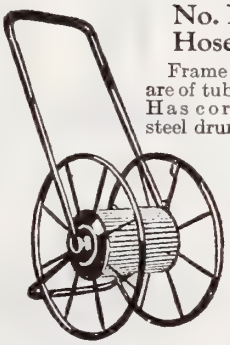
$19.00

One of our most popular lawn mowers. Will cut grass 2 inches high, or grass from 6 to 8 inches high.

15-in..... $19 00
17-in..... 21 00
19-in..... 23 00



QUALITY HOSE REELS

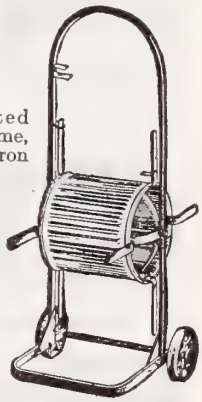


No. B-10 Hose Reel

Frame and rims are of tubular steel. Has corrugated steel drum. Reel is 21 inches high and has capacity of 100 feet of ¾-inch hose.

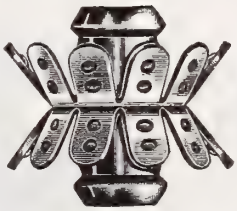
$4.85 each.

Victor Hose Reel



Constructed with steel frame, strong cast-iron wheels, solid steel reel-arms, and 9-inch drum of heavy, corrugated steel. Capacity, 100 ft. of ⅝-inch hose. **$1.45 each.**

Multi-Grip Hose Menders and Couplings



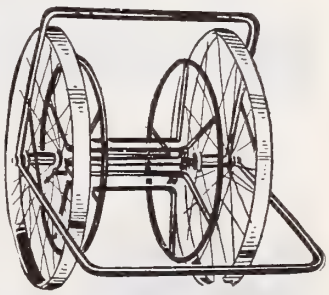
Newest type. Will not injure the hose. Couplings are of wrought brass, with fingers of steel.

Menders. ⅝- or ¾-in. .....
10 cts. each; $1 per doz.
Couplings. ⅝- or ¾-in. .....
25 cts. each; $2.75 per doz.

Brass Couplings and Clamps

Brass. ¾-in. couplings.....
20 cts. each; $2 per doz.
Brass Hose Clamps. ⅝- or ¾-in.
5 cts. each; 50 cts. per doz.

Park Hose Reel



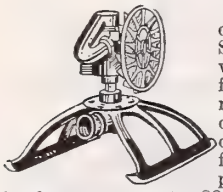
Style C. A tubular iron reel and frame with wheels of steel.

No. 21. Capacity, 200 ft. of ¾-in. hose..... $14 25
No. 22. Capacity, 500 ft. of ¾-in. hose..... 17 75

Good Sprayers are necessary to insure good crops. Make your selection from our complete line.

SPRINKLERS of Every Description

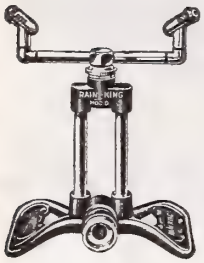
Double Rotary Lawn Sprinkler



The gentle shower of the Double Rotary Sprinkler distributes water with sufficient force to penetrate to roots of grass, yet does not injure tenderest turf. No surface or subsurface puddling. Covers circular area up to 80 feet, according to pressure. Scientifically constructed of finest materials.

Double Rotary Sprinkler.....$12 50
Double Rotary Jr. Sprinkler..... 7 50

Model D Rain King



For circles up to 50 feet—revolving or stationary

Double nozzles can be set to water circles, long narrow strips, hard-to-reach corners. Each nozzle a sprinkler in itself. Throws any kind of spray from heavy shower to floating mist. The brass nozzles, uprights, and arms, mounted on red enamel base, give it unusual distinction. Height, 9 in. **$2.25 each.**

Heavy Brass Ring Sprinkler

Waters a circle up to 30 feet in diameter. Easily moved. **75 cts. each.**

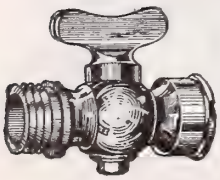
Rain King Hose Nozzle

Adjustable; solid brass, chrome plated; tarnish-proof and leak-proof..... **50 cts. each**

Allen Cast Brass Nozzle

Adjustable. No leaks. Highly polished. **40 cts.**

Cast Brass Shut-Off



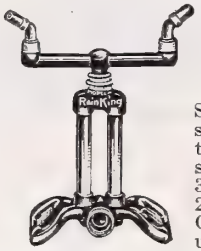
Will save time when Sprinkler has to be moved or adjusted....**$1.10 each**

TO BE SURE OF A SUCCESSFUL GARDEN, USE ONLY THE FINEST SEEDS. GRIFFITH & TURNER CO. HAVE HELPED MAKE SUCCESSFUL GARDENS FOR 77 YEARS!

Waterfan Sprinkler

An automatic, oscillating irrigator for watering lawns, gardens, etc., fitted with 17 small nozzles which can be set to cover a width of 30 to 40 feet and length of 90 feet. The Waterfan is the perfect rain-like Sprinkler.....**$15 each**

Model H Rain King



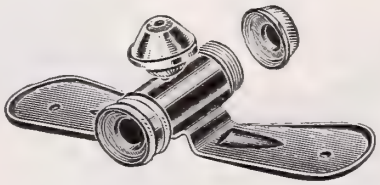
Chrome plated—America's most beautiful Sprinkler

A bigger, more rugged Sprinkler with new-type short-stem nozzles that throw more water when set for fine spray—over 300 gallons per hour on 20 pounds pressure. Chrome-plated nozzles, uprights and fittings of *solid brass*—base finished in green enamel. Height, 11¼ in.....**$2.95 each**

Cast Brass Flat Spray

Throws a fan - shaped, fine spray. Ideal for delicate flowers, tender plants, gardens, and lawns.
⅞ x 5¼-in.....**55 cts.**

Baltimore Multiple Sprinkler



Has adjustable heads and sprays uniformly. Base 2 x 8⅞ in. Can be connected in a series with short lengths of hose, making a movable, flexible Sprinkler system...**75 cts.**

Garden Hose Divider

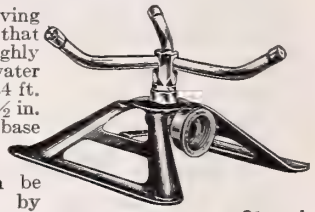
Permits hose to be divided and used with two sprinklers. ¾-in..... **65 cts. each**

Model G Rain King

The new-type, slow-revolving Sprinkler for circles 12 to 100 feet

Turns slow or fast on slopes, level ground, or in high winds—has spinning eccentric that prevents stalling. Gives complete, even coverage—soaking downpour or light spray as desired. New disc-type, easy-to-move base. Simple, strong, it will last a lifetime. Brass arm, upright and nozzle on green enamel base. Height, 11½ in.....**$3.50 each**

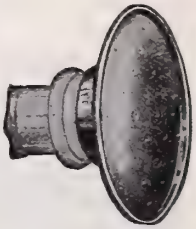
Dollar Sprinkler



A revolving Sprinkler that will thoroughly distribute water in a circle 34 ft. in diam.; 3½ in. high. Red base 7 x 7 in. Solid brass head. Can be regulated by the amount of water pressure.....**$1 each**

The Fountain Shower

The Hose Nozzle with "Mist-like Spray"



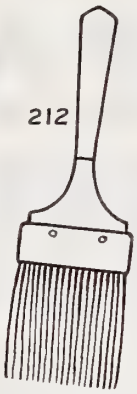
Gives a fine gentle shower and does not injure the plants as a heavy stream might do. (Weight, 1 lb.) .. **40 cts. each**

Hose Rack

A hose-preserver, since the hose hangs on the Rack in large, natural coils, thus preventing kinking and twisting. This Rack not only provides a convenient storage for the hose, but is easily carried on the shoulder, from basement to sillcock. Made with flat hanger, to hang from nail or other support. Capacity, 100 feet of ¾-in. hose.....**$1 each**

KEEP YOUR LAWN IN A HEALTHY CONDITION! USE GRIFFITH & TURNER CO.'S GRASS FERTILIZER

BRUSHES for EVERY PURPOSE



No. 30. Flat Paint Brush

Metal-bound. Black Chinese bristles vulcanized in rubber.

Width	Bristles	Price
3 in.	3¼ in.	$1 50
3½ in.	3½ in.	1 85
4 in.	3¾ in.	2 65
4½ in.	4 in.	3 90
5 in.	4¼ in.	5 10

No. 56. Radiator Brush

Black horsehair. Length overall, 24 in. Bristles, 1⅞ in. **65 cts.**

No. 305. Oval Varnish Brush

Black Chinese bristles vulcanized in rubber. Open center.

Width	Bristles	Price
1 15/16 in.	3½ in.	$0 90
2 in.	3⅝ in.	1 10
2 1/16 in.	3¾ in.	1 35
2⅛ in.	3⅞ in.	1 65
2 3/16 in.	3⅞ in.	1 90
2 5/16 in.	3⅞ in.	2 00

No. 640. Whitewash Brush

Unbleached horsehair and fibre. Brass finished.

Width	Bristles	Price
7 in.	3⅜ in.	$0 65
8 in.	3⅜ in.	70
No. 655, 6 in.		25

No. 212. Flat Varnish Brush

Black Chinese bristles vulcanized in rubber. Lacquered handle.

Width	Bristles	Price
1½ in.	2 5/16 in.	$0 45
2 in.	2 9/16 in.	60
2½ in.	2 13/16 in.	90
3 in.	3 1/16 in.	1 15

No. 230. Flat Varnish Brush

Width	Bristles	Price
1 in.	2 in.	$0 15
1½ in.	2 in.	20
2 in.	2¼ in.	30
2½ in.	2¼ in.	40
3 in.	2½ in.	60
3½ in.	2½ in.	75
4 in.	2⅞ in.	1 30

No. 250. Flat Varnish Brush

Black Chinese bristles vulcanized in rubber.

Width	Bristles	Price
1 in.	2 in.	$0 10
1½ in.	2 in.	15
2 in.	2 in.	20
2½ in.	2 in.	30
3 in.	2 in.	35

No. 260. Flat Varnish Brush

Width	Length	Thick	Price
½ in.	1 5/16 in.	7/32 in.	$0 10

No. 500. Roof Brush

Oilproof setting. Nickeled steel ferrules.

Size	2-knot	3-knot	4-knot
Width	3⅝ in.	5¾ in.	7¾ in.
Length	3½ in.	3½ in.	3½ in.
Price	70c.	75c.	95c.

No. 400. Flat Brush

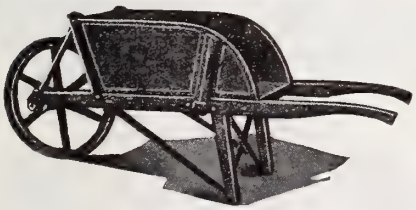
Width	Bristles	Price
1 in.	2⅛ in.	$0 35
1½ in.	2¼ in.	45
2 in.	2½ in.	60
2½ in.	2⅝ in.	1 00

No. 425. Oval Brush

Width	Bristles	Price
½ in.	1½ in.	$0 20
⅝ in.	1⅝ in.	20
¾ in.	1¾ in.	25
⅞ in.	1⅞ in.	30
1 in.	1 15/16 in.	35
1 1/16 in.	2 in.	35
1⅛ in.	2⅛ in.	40
1 5/16 in.	2¼ in.	50
1¼ in.	2⅜ in.	60
1½ in.	2¾ in.	85

WHEELBARROWS

Baltimore Garden Barrows



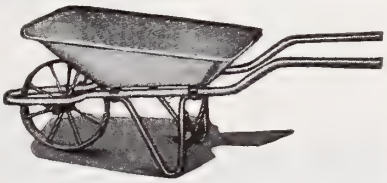
Made of seasoned wood. Double frames, firmly bolted, iron braced.

No.	Hub	Length	Front Width	Back Width	Wheel	Tread	Price
1. Garden.	19½	30	24	25	21	1½	$9.50
4. Garden.	14⅞	26	19	22	20	1¾	7.50
5. Garden.	14⅞	28	20	24	20	1¾	8.00
6B. Garden Barrow.					Steel		5.40
Boys' Barrow.		22	15	18	Steel		6.50

Steel Wheel for Nos. 4 and 5. **80 cts.** additional.

Tire Wheel, 3-in., for Nos. 4 and 5. **60 cts.** additional.

Tubular Frame Solid Pressed Steel Tray Barrow



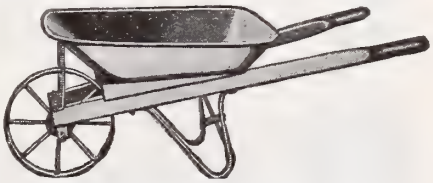
No. TT. Tray 15-gauge steel. Capacity, 3 cubic feet. Wheel, 16-in. diam.; tire 1½ x ⅜-in., bored for ⅝-in.; cold rolled steel axle. For moving earth, ashes, and light work. Weight, 20 lbs.....**$8.25 each**

No. T5X. Tray 16-gauge steel. Capacity, 4 cubic feet. Mounted on same frame as No. TT4. For general purposes and light running. Will stand hard usage. Weight, 75 lbs.....**$9.50 each**

Solid Pressed Steel Tray Coal and Coke Barrow T8

No. T8. Tray of best-quality 15-gauge steel, with wired edge; top of tray, 41½ in. long and 33 in. wide; depth at wheel, 11½ in. and at handle, 8 in. Capacity, 6 cubic feet. Weight, 100 lbs.....**$12 each**

Handa Home and Farm Wheelbarrow



16-gauge pressed steel tray. Capacity, 3 cubic feet. Flat steel legs; substantial steel wheel. Weight, 45 lbs.....**$4.50 each**

Solid Pressed Steel Tray Barrow

No. K5X. Durable steel wheel; channel steel legs; improved steel nose-guard. Capacity, 4 cubic feet.....**$8.50 each**

QUALITY . . . DURABILITY . . . ECONOMY!

HOUSE PAINT

In Brilliant White and 12 Beautiful Colors!

$2.70 Gallon, in Colors

A Paint that will give a truly beautiful and lasting surface! Made from selected ingredients and based on a formula that has been tested for good results.

	Qt.	½gal.	Gal.
No. 100 Outside White	$0 82	$1 51	$2 75
No. 101 Inside Flat White	82	1 51	2 75
No. 102 Inside Gloss White	82	1 51	2 75
No. 103 Ivory	81	1 48	2 70
No. 104 Cream	81	1 48	2 70
No. 105 Light Buff	81	1 48	2 70
No. 106 Medium Buff	81	1 48	2 70
No. 107 Light Blue	81	1 48	2 70
No. 108 Tan	81	1 48	2 70
No. 109 Light Gray	81	1 48	2 70
No. 110 Medium Gray	81	1 48	2 70
No. 111 Battleship Gray	81	1 48	2 70
No. 112 Lettuce-Green	81	1 48	2 70
No. 113 Window-Blind Green	87	1 61	2 95
No. 114 Bungalow Brown	81	1 48	2 70

G. & T. CO.'S Universal Varnish

No. 650 **$4.25** GAL.

½pt. 40 cts.; pt. 68 cts.; qt. $1.20; ½gal. $2.26

G. & T. CO.'S Floor Varnish

No. 550 **$3.10** GAL.

½pt. 33 cts.; pt. 52 cts.; qt. 91 cts.; ½gal. $1.69

G. & T. Co.'s Quick-Drying Enamel

½pt. 33 cts.; pt. 52 cts.; qt. 91 cts.; ½gal. $1.69; gal. $3.10

No. 300 White.
No. 301 Cream.
No. 302 French Gray.
No. 303 Apple-Green.
No. 304 Dark Green.
No. 305 Brilliant Red.
No. 306 Rich Orange.
No. 307 Jade-Green.
No. 309 Black.
No. 310 Ivory.

G. & T. Co.'s Quick Drying Porch and Deck Enamel

No. 500 Light Gray.
No. 501 Dark Gray.
No. 502 Brown.
No. 503 Dust.

$3.20 GAL.

Qt. 94 cts.; ½gal. $1.74

G. & T. Co.'s Flat Wall Paint

Qt. 64 cts.; ½gal. $1.15; gal. $2

No. 200 White.
No. 201 Ivory.
No. 202 Ecru.
No. 203 Cream.
No. 204 Light Buff.
No. 205 Medium Buff.
No. 206 Turquoise-Blue.
No. 207 French Gray.
No. 208 Nile-Green.

G. & T. Co.'s Interior Gloss Paint

$2.90 GAL.

Qt. 86 cts.; ½gal. $1.59

No. 150 Ivory.
No. 151 Green.
No. 152 Buff.
No. 153 French Gray.
No. 154 White.

G. & T. Co.'s Aluminum Paint (Paste)

	Qt.	Gal.
No. 700 Aluminum	$1 13	$4 00

G. & T. Co.'s Barn and Roof Paint

	1-gal. can	5-gal. can per gal.
No. 600 Red	$1 55	$1 50
No. 601 Brown	1 55	1 50

Shingle Stain

	1-gal. can	5-gal. can per gal.
No. 1 Bungalow Brown	$1 35	$1 30
No. 2 Weather Brown	1 35	1 30
No. 4 Moss-Green	1 55	1 50
No. 5 Sylvan Green	1 55	1 50
No. 6 Silver-Gray	1 90	1 85
No. 9 Light Green	1 55	1 50

Shellac

Pure; cut in alcohol.

	Pt.	Qt.	½gal.	Gal.
No. 931 Orange	$0 40	$0 75	$1 20	$2 10
No. 932 White	45	80	1 35	2 50

Asphalt Roof Coating

For coating asphalt composition roofs. By coating your roof regularly you will add years to its life.

1-gal. can 55 cts.; 5-gal. can $2.15; 50-gal. bbl. $18.15

Asbestos Roof Coating

Will seal small cracks, and is excellent for coating asphalt composition, metal, concrete, and other roofs. For preserving timber and water-proofing foundations.

1-gal. can 55 cts.; 5-gal. can $2.15; 50-gal. bbl. $18.15

Plastic Cement

Leaks in new or old roofs of wood, metal, slate, tile or prepared roofing may be repaired quickly, easily and permanently with Certain-teed Plastic Cement. It is excellent also for flashing around chimneys, metal cornices, and skylights; for relining old gutters and metal valleys; and for use at all other points where there are leaks, holes, breaks, or cracks caused by contraction or expansion, or where the material has worn out or broken away.

1-lb. pkg.	$0 12	50-lb. pkg.	$2 65
5-lb. pkg.	40	280-lb. pkg.	10 85
10-lb. pkg.	70	480-lb. pkg.	18 00
25-lb. pkg.	1 50		

G. & T. Co.'s Quick-Drying Varnish Stain

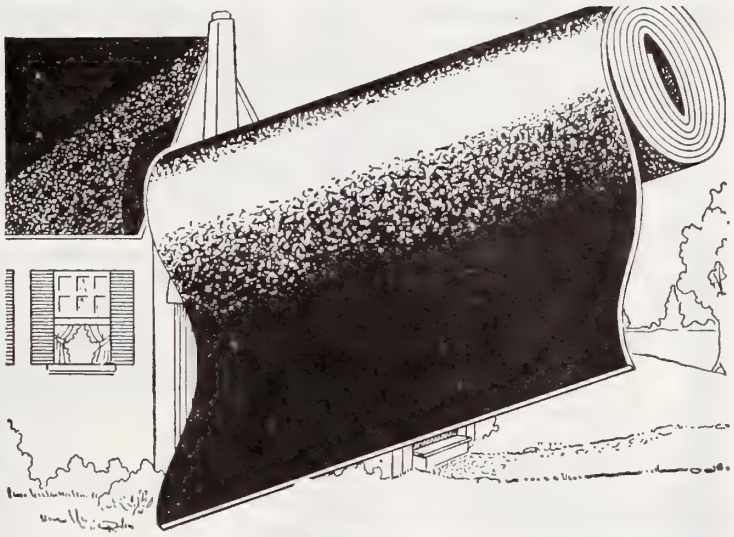
	½pt.	Pt.	Qt.	Gal.
No. 400 Light Oak	$0 27	$0 41	$0 67	$2 15
No. 401 Dark Oak	27	41	67	2 15
No. 402 Mahogany	27	41	67	2 15
No. 403 Walnut	27	41	67	2 15
Buff Ground Color	½gal. $1.35	45	75	2 55

Years and Years of Service with Our Famous

"CERTAIN-TEED" ROOFING

- **Fire-Resistant!**
- **Weatherproof!**
- **Built to Last!**

$1.40 PER ROLL 108 sq. ft.



Our famous Certain-Teed Roofing is unsurpassed for long, dependable service! Tough and heavy, built to withstand the wear of weather! Backed by the responsibility of the world's greatest roofing and building mills. It's less expensive to use Certain-Teed in the long run. Guaranteed 5, 10, or 15 years for No. 1, 2, or 3 respectively.

No. 1. 108 sq. ft. $1 40
No. 2. 108 sq. ft. 1 70
No. 3. 108 sq. ft. 2 00
No. 4. 108 sq. ft. 2 50

Quality Roofing

GUARD (Special Quality)

This Roofing is offered as a good average-quality product. It will give good service on the roof. Where the highest quality Roofing is not necessary this product is recommended.

No. 1. Light (about 35 lbs. per square) $1 20
No. 2. Medium (about 45 lbs. per square) 1 50
No. 3. Heavy (about 55 lbs. per square) 1 65

Corporal Roofing

No. 1. Light (about 35 lbs. per square) . $1 05
No. 2. Medium (about 45 lbs. per square) 1 35
No. 3. Heavy (about 55 lbs. per square) 1 65

Mineral-Surfaced Roll Roofing

Certain-Teed Extra Quality

Blue-Black, Red, or Green. Guaranteed 10 years.
Weight, 90 lbs. per square $2 40
Weight, 75 lbs. per square 2 15

Slater's Felt

Rolls, 500 sq. ft. Weight, 30 lbs. . . . **$1 each**

Insulating Paper

Rolls, 500 sq. ft. Weight, 35 lbs. . **$2.45 each**

Asphalt Felt

No. 15. Rolls, 432 sq. ft. Weight, 65 lbs. $2 30
No. 30. Rolls, 216 sq. ft. Weight, 65 lbs. 2 30

Rosin Size Sheathing Paper

In rolls of 500 square feet each

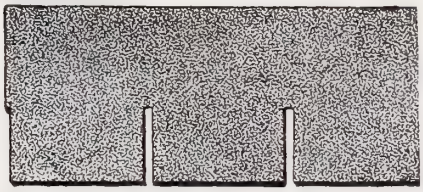
20-lb. $0 60
30-lb. 1 00
40-lb. 1 20

Certain-Teed 4-Width Shingles

Blue-Black, Red, or Green

These Shingles, when properly laid, offer weather protection in all climates. Marked exactly 4 inches from the butt for spacing.

Weight, about 196 lbs. Size, 10 x 36 inches. Put up two packages per square. Guaranteed 10 years ..... **$7 per square**



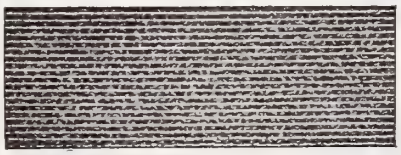
Certain-Teed 4-Tab Strip Shingles

SLATE-SURFACED

Red, Blue-Black, and Green

These Shingles possess all the durability, attractiveness, weather protection, and fire-resisting qualities of the modern asphalt Shingle.

Four Shingles laid at a time—no spacing—four-fifths less cracks—no painting—no repairs. They are waterproofed with pure refined asphalt ..... **$7.30 per square**



Galvanized Steel Corrugated Roofing

Standard 28-gauge open-hearth steel, thoroughly galvanized; 1¼- and 2½-inch corrugations. Made in sheets 26 inches wide; 6, 7, 8, 9, and 10 feet long; 12-foot sheets 25 cts. per square extra. Galvanized Ridge Roll, both in corrugated and plain.

No. 28 Gauge ..... **$4.75 per square**
Ridge Roll, Plain ..... **8 cts. per ft.**
Corrugated ..... **10 cts. per ft.**

Certain-Teed Hexagonal Shingles

The Certain-Teed Hexagonal Slab Shingle is a Shingle of beauty and permanence. It is made of highest grade, long-fibered felt, heavily saturated with asphalt, and surfaced with a rugged coat of natural colored crushed slate. This surface cannot fade but will always add the same pleasing touch of color to your home.

Blue-Black, Red, or Green ..... **$5.40 per square**

Important About Prices

Prices in this book are subject to change without notice. We reserve the right to add to the price of any item such taxes as may be imposed by the Federal or any State government.

Extra Protection with Griffith & Turner Co.'s

GENERAL-PURPOSE FENCE

Galvanized Steel Fence Posts

These Posts are neat, strong, durable, and easy to erect. They will give you much more and better service than can be expected of wood Posts because, all being alike in size and quality of material, you get benefit of every Post in the fence from year to year, while wood Posts rot and decay. The line Posts are strong enough to hold up any wire fencing, and furnish all necessary resistance. The end and corner Posts are so strong that they will maintain any wire fence made.

Nos.	Length feet	Approx. weight lbs.	Per Post
14½ Line Post	5	7.6	$0 53
14½ Line Post	6	9.1	66
14½ Line Post	6½	9.8	67
14½ Line Post	7	10.6	74
14½ Line Post	8	12.1	81
Junior End Post	6		1 50
Junior End Post	8		2 10
Jr. Corner Post	6		2 20
Jr. Corner Post	8		3 20
Ball Top for Posts			22
Driving Caps for Line Posts			54

Sweet's Steel Fence Posts

A special high carbon Steel Post of extreme rigidity. Flanged leg channel section assures maximum strength. Tested to withstand maximum bending strain of heavy weights and windloads.

These Posts are heartily recommended for use with field fences of all types—poultry, garden, arbor, residences, and estates.

No. 3 Sweet's Line Post with Ground Plate

Length	Weight, lbs.	
3 ft.	3.36	$0 20
5 ft.	6.20	34
6 ft.	7.32	40
6½ ft.	7.88	43
7 ft.	8.44	46
7½ ft.	9.00	49
8 ft.	9.56	52
9 ft.	10.68	60
10 ft.	11.80	68

No. 3 End Posts

6 ft.	18.68	$1 60
8 ft.	23.16	1 80

No. 3 Corner and Two-way Brace Posts

Length	Weight, lbs.	
6 ft.	30.64	$2 80
8 ft.	37.36	3 16

EXTENSION ARMS	$0 40
GATE HINGE	70
GATE LATCH KEEPER	70

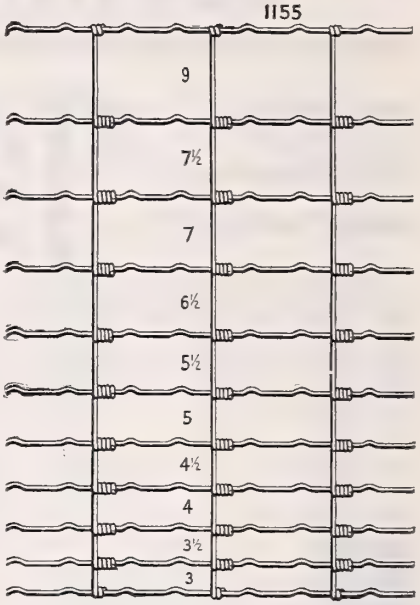
A Height and Weight for Every Need! Full Standard Gauge Wire!

Fencing of a quality and construction designed for longer service. It has been serving its owners faithfully for many years and will continue to give good service long after ordinary fence has been discarded.

Style No.	Height inches	Approx. Weight per rod, lbs.	1-foot Stays, per rod	Approx. Weight per rod, lbs.	6-in. Stays, per rod
1155	55	12.2	$0.64	16.7	$0.89
1047	47	10.9	.57	14.8	.78
939	39	9.7	.51	13.1	.69
832	32	8.6	.45	11.4	.60
726	26	7.5	.40	9.8	.52

Actual Size of Wires

Top Bar	9
Bottom Bar	9
Intermediate Bars	11
Stays	11



POULTRY AND GARDEN FENCE

Specially Designed for Poultry and Smaller Animals!

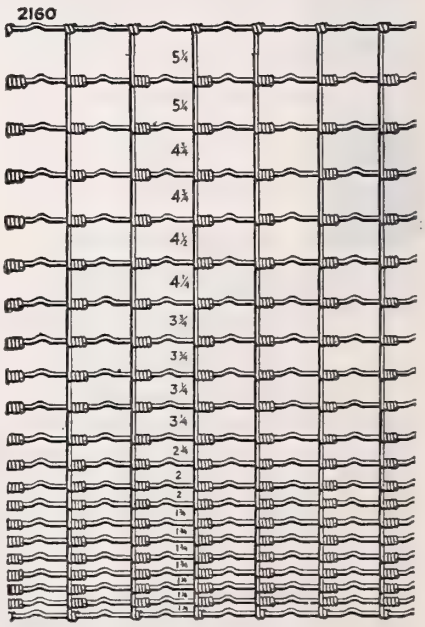
An ideal Fence against poultry and small animals. The spacing is graduated from 1⅛ inches at the bottom to 5½ inches at the top, as shown by the illustration, and the distance between the stays or uprights is 6 inches. It is a great favorite. Furnished regularly in rolls containing 10 rods or 165 lineal feet.

Style No.	Distance Between Stays	Height inches	Approx. Weight per rod	Per rod
2371	6	73	11.4	$0.77
2160	6	58	10.3	.70
1949	6	48	9.2	.63
1635	6	35	7.6	.51

Actual Size of Wires

Top Wire	11
Bottom Wire	11
Intermediate Wires	14½
Stay Wires	14½

For New Combination Poultry Netting, See Page 95



CATTLE FENCE

For Long, Practical Service!

An ideal Horse and Cattle Fence and used largely for division Fences. The stays are 1 foot apart, and we do not recommend its use for hogs. The top bar is No. 9, the bottom No. 9, the intermediate bars No. 11, and the stays No. 11 wire.

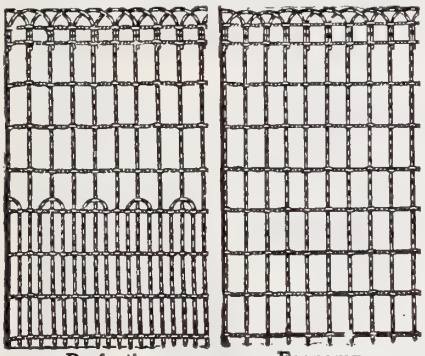
Style No.	Height inches	12-in. Stays Approx. Weight per rod, lbs.	Per rod
949	49	10.3	$0.54
845	45	9.3	.49
635	35	7.2	.38

Lawn Fence and Gates

Lawn Fence

Our Lawn Fence harmonizes with its surroundings and adds dignity and a feeling of privacy to your dwelling. Its construction is such that there is no foothold for children to climb over and it is dog-, cat-, and chicken-proof.

Lawn Fence is made of No. 9 heavy galvanized wire, spacing between uprights at the bottom being 1⅜ inches, and at the top 2⅞ inches. The cables are of heavy galvanized wire, spaced about 6 inches apart, except the two at top, which are spaced 2¼ inches apart. Furnished regularly in rolls of 200 feet. Any length cut to order.



Perfection Economy

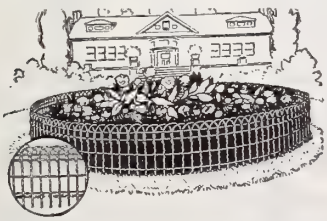
Perfection	Our price per ft.
Height 36 in.	$0 15
Height 42 in.	17
Height 48 in.	20

Economy	Our price per ft.
Height 36 in.	$0 11
Height 42 in.	13
Height 48 in.	14
Height 60 in.	19

200 feet to a roll

Galvanized Gate Hinges and Latches

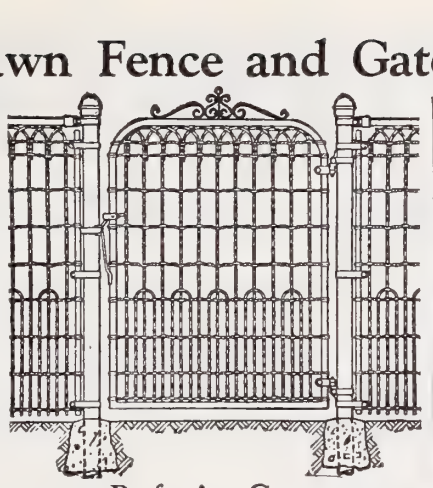
No. K3823. Hinge Collar. 1¾-in.	$0 60
No. K1088. Split Hinge for Walk Gate.	28
No. K8586. Pig Ear Latch for Wood Posts	50
No. K3756. Pig Ear Latch for Junior Post	80
No. K3856. Spring Latch Catch	60
No. L2. Spring Latch	30
No. K30. Extension Arm for Junior Posts	40



Perfection Flower Bed Guard

Stands 1½ and 1 foot above ground, with 3 cables of two No. 13 wires. Has No. 9 crimped uprights. All heavy galvanized pickets project for insertion in ground. Requires no posts. Can be cut to length to any bed. It provides protection against dogs and chickens.

	Per ft.
1 ft. above ground	$0 10
1½ ft. above ground	12



Perfection Gates

Frames are made of high-grade heavy steel tubing, galvanized. Filling of these Gates is the regular Perfection Fence Fabric, described in first column, and as shown by illustration the Gates have ornamental scroll tops. In giving the dimensions of Gates, state first the height, and then the width. The width of these Gates means the distance between the posts. The factory makes proper allowance for hinges and latch.

Walk Gates with Fittings for Wood Posts

Width	Ht.	
3 ft.	36 in.	$3 50
3 ft.	42 in.	3 60
3 ft.	48 in.	3 80
3½ ft.	36 in.	3 60
3½ ft.	42 in.	3 80
3½ ft.	48 in.	3 90
4 ft.	36 in.	3 80
4 ft.	42 in.	3 90
4 ft.	48 in.	4 00

Width	Ht.	Single drive	Double drive
8 ft.	36 in.	$8 50	$8 40
8 ft.	42 in.	8 75	8 60
8 ft.	48 in.	9 00	8 80
10 ft.	36 in.	10 00	9 80
10 ft.	42 in.	10 25	10 00
10 ft.	48 in.	10 50	10 25
12 ft.	36 in.	11 40	11 00
12 ft.	42 in.	11 60	11 30
12 ft.	48 in.	11 80	11 60

Fittings for Steel Posts, add $1.50 per Gate

"Cottage" Lawn and Garden Fence

This fencing is strong enough for large animals, and small ones cannot pass through the fine meshes.

	Per ft.	Per rod
Height 24 in.	$0 08	$1 00
Height 36 in.	12	1 50
Height 48 in.	16	2 00
Height 60 in.	20	2 50
Height 72 in.	24	3 00

Trellis

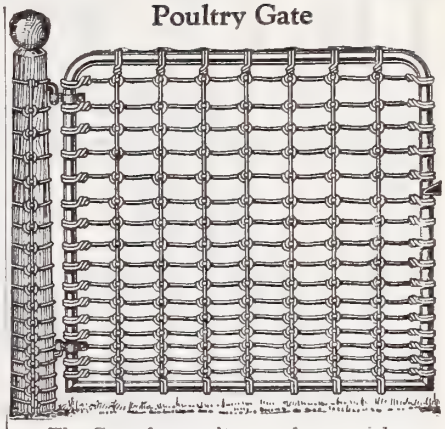
This Trellis carries the general style of Perfection Fencing. It is extremely strong, embracing beauty and adaptability. Cut in any length desired.

	Per ft.
Width 18 in.	$0 12
Width 24 in.	13

Wire Stretcher

No. 1. $2

Poultry Gate



The Gate for poultry enclosures where a small opening is desired. Wires are spaced close enough to hold back the smallest chicks. Frames are of 1 $\frac{1}{16}$-inch tubular steel with 12½-gauge galvanized filler.

Distance between posts—3½ ft.

Height 48 in.	$3 70
Height 58 in.	4 00
Height 72 in.	5 60

General-Purpose Farm Gates

Frame is heavy 1¼-inch outside dimension tubing. The wire filling is heavy galvanized No. 9 Woven Wire. Frames are galvanized, and electrically welded at the joints, thus insuring a Gate that will not sag or twist out of alignment. In addition, the Gates are strengthened by internal braces. The fabric is actually woven into the frame and not simply tied in with a lace wire.

	Distance between posts 10 ft.	12 ft.
Height 48 in.	$8 60	$10 00
Height 54 in.	9 20	10 50

Barbed Wire

Write for prices

Diamond and Straight Line Mesh Poultry Netting

The wire we offer is No. 20, double twist, 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

			Per bale
No. 20	12 in. wide	150 sq. ft.	$1 18
No. 20	18 in. wide	225 sq. ft.	1 61
No. 20	24 in. wide	300 sq. ft.	2 04
No. 20	36 in. wide	450 sq. ft.	2 88
No. 20	48 in. wide	600 sq. ft.	3 72
No. 20	60 in. wide	750 sq. ft.	4 55
No. 20	72 in. wide	900 sq. ft.	5 41

Price **1½ cts.** per square foot in less than bale lots.

Staples for fastening, **10 cts.** per pound.

1-inch Mesh			Per bale
No. 20	12 in. wide	150 sq. ft.	$2 44
No. 20	18 in. wide	225 sq. ft.	3 51
No. 20	24 in. wide	300 sq. ft.	4 59
No. 20	36 in. wide	450 sq. ft.	6 67
No. 20	48 in. wide	600 sq. ft.	8 63
No. 20	60 in. wide	750 sq. ft.	10 71
No. 20	72 in. wide	900 sq. ft.	12 93

Price **2½ cts.** per square foot, cut lengths.

Galvanized Steel Wire Cloth

Made from heavy wire thoroughly galvanized after weaving. Used largely in corn cribs to make them mice- and rat-proof, also for sieves and fan screens and over windows for protection.

	Full rolls	Less than full rolls
2 x 2-in. mesh ... per sq. ft.	$0 05	$0 06
3 x 3-in. mesh ... per sq. ft.	05½	06½
4 x 4-in. mesh ... per sq. ft.	06	07

TILLEY STEP-LADDERS

Best for Every Purpose . . . Made from Selected Materials!

Tilley Mohawk Step-Ladder

4-ft. Size

$1.90

- Cadmium-plated hardware!
- Full rodded and trussed!
- Built for service!

A sturdy Step-Ladder made from finest selected materials. Equipped with steel top hinges and side hinges, as illustrated.

4-ft.	$1 90	8-ft.	$3 60
5-ft.	2 25	10-ft.	4 50
6-ft.	2 70	12-ft.	6 00

Tilley Trojan Step-Ladder

A Favorite for All General Household Uses! Light, Sturdy!

6-ft. Size

$3.85

Built to give the utmost in practical service. Positive tie support and angular brace under end of each step. Pail-rests on all Trojans of 4 steps or more.

3-ft.	$1 90	6-ft.	$3 85
4-ft.	2 50	8-ft.	5 00
5-ft.	3 20	10-ft.	6 40
12-ft.	$7 70		

Sturdy Step-Ladders of Finest Construction

NATIONAL STEP-LADDER

4-ft. size **$1.50**

Every step supported by ¼-inch rods and truss block with diagonal steel braces. A Step-Ladder of unusually sturdy construction.

4-ft.	$1 50
5-ft.	1 85
6-ft.	2 20
8-ft.	3 00
10-ft.	3 75

ELECTRICIAN'S STEP-LADDER

4-ft. size **$3.15**

A combination Step-Ladder and Trestle. The rounds in the back are 1⅛ inches in diameter.

4-ft.	$3 15
5-ft.	3 95
6-ft.	4 75
8-ft.	6 30
10-ft.	7 80
12-ft.	9 40
14-ft.	13 00
16-ft.	15 00
18-ft.	20 00
20-ft.	21 50

DECORATOR'S STEP-LADDER

4-ft. size **$2**

For paper-hangers, interior decorators and painters. Made of spruce. Approved specifications.

4-ft.	$2 00
5-ft.	2 60
6-ft.	3 10
8-ft.	4 20
10-ft.	5 20
12-ft.	6 20
14-ft.	8 50
16-ft.	9 75

PLATFORM STEP-LADDER

4-ft. size **$7**

Built for safety and durable service. Safety platform is 14 x 18 inches, reinforced with steel.

No.	To platf.	Light	Regular
5.	3 ft.	$6 00	
6.	4 ft.	7 00	$10 00
8.	6 ft.	8 75	12 75
10.	8 ft.	10 50	15 50
12.	10 ft.		18 25
14.	12 ft.		20 50
16.	14 ft.		23 00

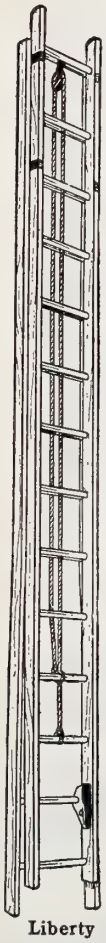
OMEGA STEP-LADDER

5-ft. size **$2.80**

A tripod Step-Ladder particularly adapted for orchard work, fruit-picking, and for use on uneven ground. All flat steps. Easy to stand on and easy to move. Folds up compactly.

5-ft.	$2 80
6-ft.	3 35
8-ft.	4 50
10-ft.	5 60

There's a Tilley Ladder for Every Need!



Liberty

Our Popular Liberty Extension Ladder

A sturdy, good-quality, hemlock Extension Ladder for all general purposes. Equipped with rope hoist, malleable locks securely bolted to side. Side rails of air-dried select material. Regularly made with spread bottom.

20-FT.
$9.50

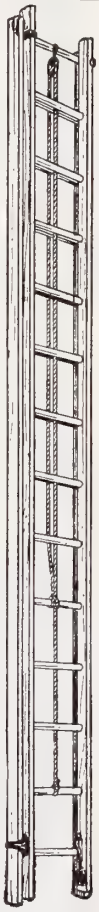
20-ft. (two 10-ft. sections, extends to 17 ft.) $9 50
24-ft. (two 12-ft. sections, extends to 21 ft.) 11 00
28-ft. (two 14-ft. sections, extends to 25 ft.) 12 75
30-ft. (two 15-ft. sections, extends to 27 ft.) 13 75
32-ft. (two 16-ft. sections, extends to 29 ft.) $14 75
36-ft. (two 18-ft. sections, extends to 33 ft.) 16 50
40-ft. (two 20-ft. sections, extends to 36 ft.) 18 50
Ladder Locks. Per pair 1 75

Spring-Lock Spruce Extension Ladder

For painters, tinsmiths, carpenters, farming, and all general use. Side rails of thoroughly air-dried selected material. Rungs are selected ash and hickory, with minimum diameter of $1\frac{3}{16}$ inches. All equipped with rope hoist and two improved automatic spring locks of soft malleable and cold-rolled steel, securely bolted to side rails.

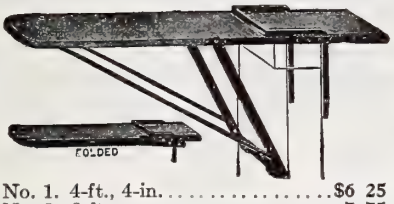
20-ft. (two 10-ft. sections, extends to 17 ft.) $10 00
24-ft. (two 12-ft. sections, extends to 21 ft.) 12 00
28-ft. (two 14-ft. sections, extends to 25 ft.) 14 00
30-ft. (two 15-ft. sections, extends to 27 ft.) 15 00
32-ft. (two 16-ft. sections, extends to 29 ft.) 16 00
36-ft. (two 18-ft. sections, extends to 33 ft.) 18 50
40-ft. (two 20-ft. sections, extends to 36 ft.) $21 00
44-ft. (two 22-ft. sections, extends to 40 ft.) 25 00
48-ft. (two 24-ft. sections, extends to 44 ft.) 35 00
52-ft. (two 26-ft. sections, extends to 47 ft.) 39 00
58-ft. (three sections, with locks and rope on top section) 42 00
64-ft. (three sections, with locks and rope on top section) 45 00
Ladder Locks. Per pair 2 50

20-FT.
$10



Spring-Lock

Window Brackets



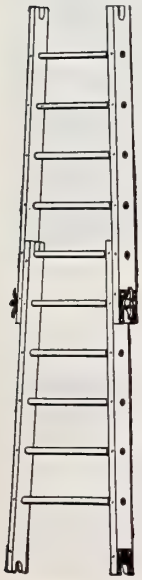
No. 1. 4-ft., 4-in. $6 25
No. 2. 6-ft. 7 75

Sturdy Single Ladders

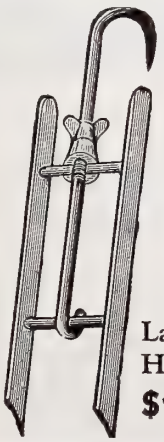
Exceptionally well built. Width of Ladder is nicely tapered. Light, strong, and sturdy.

10- to 22-ft. ..... 34 cts. per ft.
Ladder Rungs ..... 12 cts. each

Tilley Sectional Ladder

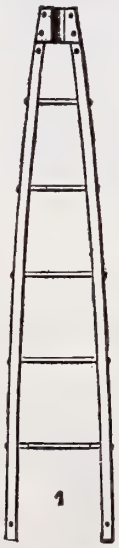


Made in 6-foot sections, each end protected with iron plates and equipped with large bolts with thumb-nuts, making them safe and durable. Hickory rungs. Sections 6 ft. 5 in. $3.60



Ladder Hook
$1.25

Tilley Window-Cleaners' Ladder

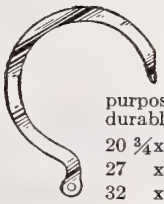


A very convenient Ladder for window-cleaning purposes or where a Ladder has to be carried from one place to another. It is made in sections, which makes it convenient to handle. All sections are fitted into each other.

These Ladders are made in 6-foot lengths.

Top section $2 60
No. 2. Middle section ... 2 35
No. 3. Bottom section, 6 ft. 3 in. 2 35

Roof and Gutter Hook



For hanging swinging stages or can be used for many other purposes; strong and durable.

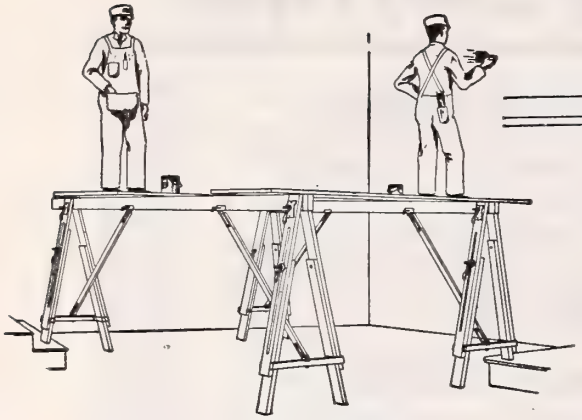
20 ¾x 27 in. ... $6 75
27 x 37 in. ... 11 00
32 x 44 in. ... 13 00
Tie-back Rings. 55 cts. extra.

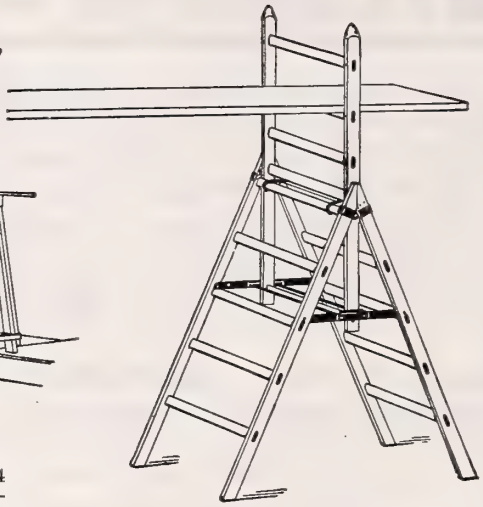
Tilley Painter's Trestles

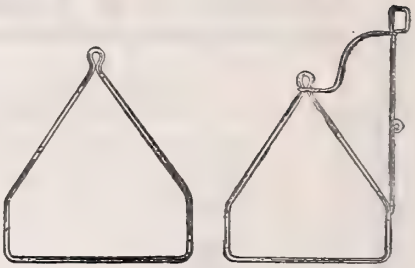
Strong and light. Made in all sizes from 6 to 14 feet.

6-ft. ... $5 40
8-ft. ... 7 20
10-ft. ... 9 00
12-ft. ... 10 80
14-ft. ... 12 60

Tilley Jacks and Stages







Triangles for Guard Rail

20½-in. Per pair $6 75
20½-in. Plain. Per pair 5 00

Write for Prices on Rope

Adjustable Scaffold Jacks

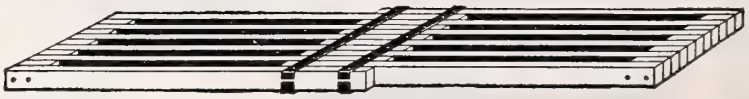
With wing nut clamps

To properly scaffold a room, it requires 4 Jacks on which planks can be laid, thus giving a safe platform to work on.

No. 6. 4-ft. (extends to 6 ft.) $6 50
No. 7. 5-ft. (extends to 8 ft.) 7 25
No. 8. 6-ft. (extends to 9½ ft.) 7 75
No. 9. 7-ft. (extends to 11 ft.) 8 50
No. 15. 8-ft. (extends to 12½ ft.) 10 75
No. 16. 10-ft. (extends to 16 ft.) 15 50
No. 17. 12-ft. (extends to 20 ft.) 18 25
Adjustable Scaffold Jack Iron Brackets. Set of 4 ..... 2 00

Extension Trestles

6-ft. (extending to 10 ft.) $11 00
8-ft. (extending to 14 ft.) 14 00
10-ft. (extending to 18 ft.) 16 75
12-ft. (extending to 22 ft.) 19 50
14-ft. (extending to 26 ft.) 24 00
16-ft. (extending to 30 ft.) 25 00
Cross Braces. Per pair 2 60



Extension Planks

These adjustable Planks are used by painters and decorators and are now a part of their equipment.

6-ft. (two sections, extends to 10 ft.) $5 50
8-ft. (three sections, extends to 14 ft.) 6 75
10-ft. (three sections, extends to 18 ft.) 8 25

Blocks and Falls, see page 76.

Cleveland Safety Ladder Jack

$5 per pair

Swinging Stage Platform

Our Painters' Scaffolds are made from seasoned and selected stock. 20 inches wide.

	Without floor	With floor	Tooth-pick stage
10- to 16-ft.	$0 60 per ft.	$0 85 per ft.	$0 70 per ft.
18- to 22-ft.	70 per ft.	98 per ft.	80 per ft
24- to 30-ft.	80 per ft.	1 10 per ft.	85 per ft.

Mason or Bricklayers' Ladder

12- to 22-ft. ..... $0 50 per ft.
24- to 30-ft. ..... 55 per ft.

Bettcher Ladder Jack

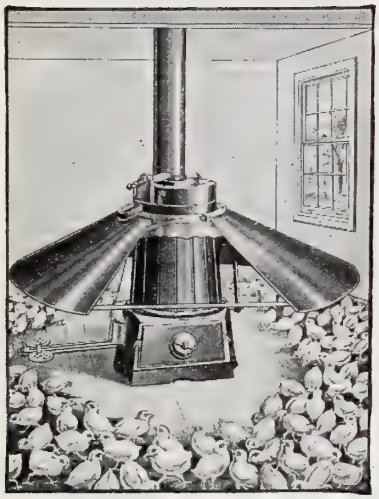
$3.50 per pair

Bumpers

Bumpers for stages, without hooks, per pair $2 00
Bumper Hooks, with nuts and washers, set of 4 ..... $2 00

For Quick, Even Heat . . . G. & T. Co.'s Popular "Eureka"

COAL-BURNING BROODER STOVE



- *Burns Any Kind of Fuel!*
- *Will Last Indefinitely!*
- *A Favorite of Poultry Raisers!*

$13

350-Chick Capacity

An improved design of Brooder Stove that is made of high-quality cast-iron. There is no damper on the smoke-pipe. The check-draft rests on top of the smoke-pipe and opens outward. When fire is too warm, this gives a gentle inflow of air to retard the heat.

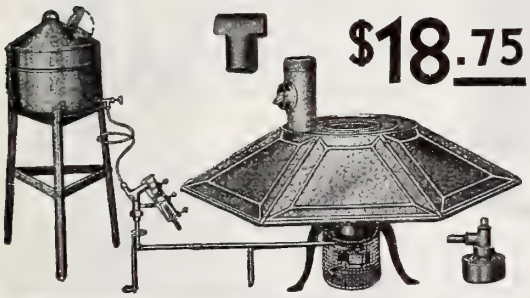
	No. 11 Capacity 350 chicks	No. 22 Capacity 500 chicks	No. 33 Capacity 800 chicks	No. 61 Capacity 1,000 chicks
Size Smoke-Pipe	4 in.	4 in.	4 in.	5 in.
Height to Top of Stove	22 in.	25½ in.	27 in.	35 in.
Diameter of Cylinder	10 in.	11 in.	13 in.	15 in.
Diameter of Hover	42 in.	52 in.	56 in.	60 in.
Coal Capacity	26 lbs.	37 lbs.	50 lbs.	64 lbs.
Diameter of Grate	9 in.	10¼ in.	11½ in.	11½ in.
Height of Hover from floor	8½ in.	11 in.	13 in.	13 in.
Shipping Weight (complete)	82 lbs.	105 lbs.	122 lbs.	165 lbs.
Price	**$15.00**	**$18.00**	**$23.00**	**$28.00**

No. 61 is extra-large, with extra coal magazine.

Galvanized Pipe for Stove Brooders

4-in. Pipe, in 10-ft. lengths, per ft.	$0 12	4-in. Elbows	$0 35
5-in. Pipe, in 10-ft. lengths, per ft.	18	5-in. Elbows	40

HUDSON OIL BROODERS



$18.75

For Houses with Capacity of 500 to 1,000 Day-Old Chicks

No. 254D. 54-in. hexagon-shaped Hover. Drum 22 in. diam., 8 in. deep. 8-gal. fuel-tank. Recommended for houses up to 14 x 14 ft. for 500 to 1,000 day-old chicks. Packed in one carton and one crate. (Weight, 68 lbs. without Fuel Stand.) **$18.75**

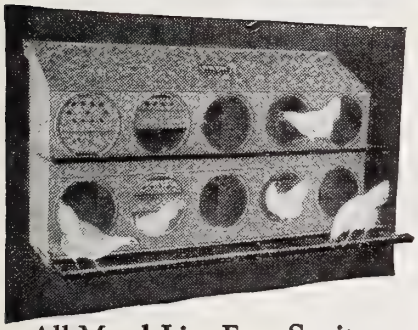
No. TS3 Oil Tank Stand. 95 cts.

No. 366D Brooder. With 66-in. Hover. Capacity, 800 to 1,200 day-old chicks. **$23.95** without Oil-Tank Stand.

"Best of All" Electric Canopy Brooder

This model is equipped with the famous "Beacon" heater, giving uniform temperature over entire canopy. Regular models for 110 volts can be furnished for either 110 or 220 volts, as it is equipped with two complete circuits.

Model B-13. 60-in.; 1,000 watts. Capacity 650 chicks. Weight, 75 lbs. **$21.75**



All-Metal Lice-Free Sanitary Nests

The Nest-boxes are 11½ inches wide and 13 inches deep, with a 9¼-inch nest-hole, sufficiently large for average flocks.

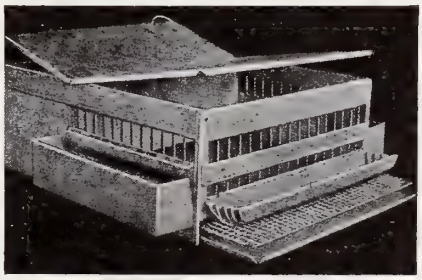
Trap Front. 50 cts. each, extra.

3-hole Section. Weight 25 lbs.	**$4 75**
5-hole Double-Tier Section. Wt. 35 lbs.	**5 00**
10-hole Double-Tier Section. Wt. 35 lbs.	**8 50**

Trap-Nest Fronts

Can be easily fitted to any orange or ordinary wood-box or coop. Dimensions 11 in. wide by 12 in. high. Twelve to case.

No. 63. 50 cts. each; $6 per doz.



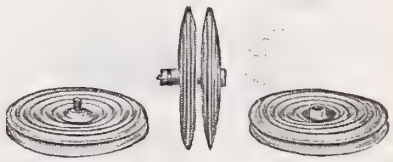
"Contented Chick" Brooder

Sides and ends open, allowing plenty of ventilation and ample feed-space so heavy birds will eat through feed openings. Heating element and thermostatic switch can be raised or adjusted conveniently. Controlled by our "Best of All" quick-break switch. The Brooder has no-waste feed-pans; one-piece water-pans, and die-drawn tinned floors. Ten-ft. cord and curtain.

No. B-1 Electric Automatic. 24 in. wide; 30 in. deep. 150 watt. Weight, 35 lbs. **$8.95**

No. C-4 Bulb-heated. 20 in. wide; 24 in. deep. **$4.50**

Brooder Stove Wafers



A new-type Brooder Stove Wafer developed after years of experiments. Strong and sensitive and expand at low temperature. Double Unit Wafers. 3-in. **25 cts.**; 4-in. **40 cts.**; 5-in. **50 cts.**

Poultry Equipment and Supplies of Highest Quality

Metal Reel Feeder

8-ft. Feeding-Space!

One of our finest Feeders! Has non-roost adjustable four-vane guard. Non-breakable reel-holders. Wide ends. 4½-inch wide center feed.

No. F-73. Red Tumble Bar. 36-in. . . . $0 68
No. F-7. Red Tumble Bar. 48-in. 80
No. F-83. Grid Guard. 36-in. 75
No. F-84. Grid Guard. 48-in. 90

Utility Chick Feeder

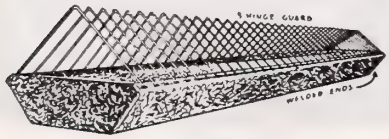
Built for those who prefer a grid-type Feeder. Easily cleaned and non-wasting; 56 inches of feeding-space. Trough is 4 inches wide. Easily attached or removed for cleaning.

No. F-2G. 28 in. long $0 35

Heavy Charcoal Tin Buttermilk Feeder

No. F-11. 18 in. long $0 45
No. F-12. 26 in. long 60

Wire Grill Chick Feeder



No. F-40 **$1**

Has 8 feet of feeding-space. Sides slope for center feed. Guard wires correctly spaced for birds from 6 weeks to maturity. Welded ends.

No. F-3. 30 in. long $0 85
No. F-40. 40 in. long 1 00
No. F-4. 48 in. long 1 35
No. F-4D. De Luxe. 48 in. 1 50
No. F-4H. Hen. 48 in. 1 35

Models F-4, F-4H, and F-4D are equipped with adjustable stand.

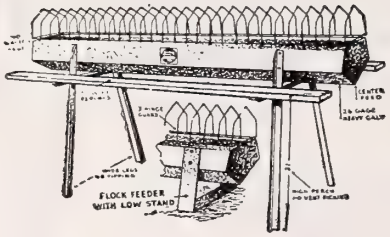
Bargain Chick Feeder

Model F-0 **15c**

The best and largest Feeder for the money. Galvanized, one-piece, die-drawn pan with new metal reel guard. For feed or water.

No. F-0. 12 in. long $0 15
No. F-1. 18 in. long 20
No. F-2. 28 in. long 25

Flock Feeders



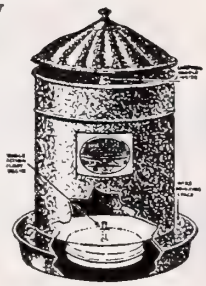
10 Feet of Feeding-Space

Built with a 21-inch-high perch to prevent cannibalism. Also furnished with low stand 4 inches from bottom of feeder to floor. 3-hinge guard. Rigid 26-gauge galvanized.

No. F-8. Low Stand. 5 ft. long $3 50
No. F-9. High Stand. 5 ft. long 4 50
No. F-10. High Stand. 8 ft. long 6 00

Float Fountain

Equipped with New Non-Roost Top



It has the new improved valve, all brass and double-acting, requiring no adjustments. Has reduced labor costs for hundreds of users and is in wide use exclusively by many large poultry raisers.

No. W-13. Beacon. 10-qt. $1 50
No. W-14. Fountain only, 5-gal. 2 25
No. W-14H. Fountain with oil heater. 3 90
No. W-24. Stand only for W-14 . . . . . 1 60
No. W-14HS. Fountain, Stand, and Oil Heater 5 25

Chick Fountain

Pan is specially designed with usual depth in center but only shallow water available for the chicks. All-around pan that provides maximum drinking-space.

No. W-2. Drinking-space, 28 in. $0 50
No. W-3. Drinking-space, 35 in. 80

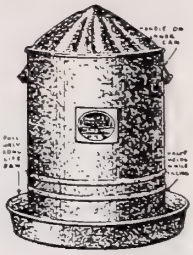
2-Piece Fountain for Small Chicks

A sanitary Fountain, ideal for small broods. Scalloped pan prevents crowding. Pan snaps on and off easily.

No. W-1S. 2-qt. . $0 28
No. W-2S. 4-qt. . 40

Top-Fill Fountain

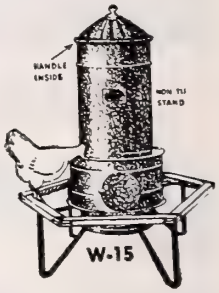
Has Double Wall



New non-roost top. Convenient handles. Specially built pan with full thickness of galvanizing where it is most needed. A vacuum Fountain with sure-hold valve to retain water while tank is being filled.

No. W-22. 2-gal. $1 25
No. W-23. 3-gal. 1 65
No. W-25. 5-gal. 2 25
No. W-28. 8-gal. 3 40

Quality Float Fountain



Equipped with improved valve that closes completely when Fountain is carried. Water starts flowing automatically. Float shuts water off at correct level. Capacity, 8 gals. Heaters keep water at correct temperature.

No. W-15. Fountain only, 8-gal. $3 25
No. W-8H. Electric Heater 1 50
No. W-9H. Oil Heater 1 75
No. S-24. Stand only, for W-15 . . . . . 1 60
No. W-15H. Complete with Oil Heater 4 90
No. W-15HS. Oil Heater and Stand . . 6 35

Galvanized Fountain

New-style Galvanized Fountains are ideal for use with baby chicks. They hold water at correct level and keep chicks dry.

No. W-0. **$1 per doz.**
No. 142. Heavy Terne Plate. **10c. each.**

Glass Buttermilk Fountain

No. W-0G. **$1.50 per doz.**

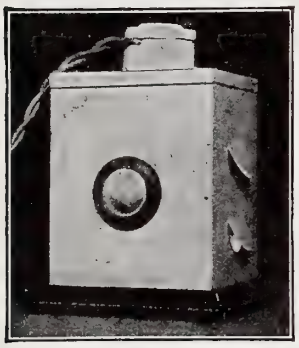
Feeder and Waterer

A Feeder and Waterer of finest construction. 14-in. diam. 4¼ in. high. Capacity, 10 qts.

No. W-5 . . . . . $1 00
No. S-15. Stand. 30
No. W-5 and S-15. Complete $1 25

Every Need for Raising Poultry Successfully

Reflecto Egg Candler



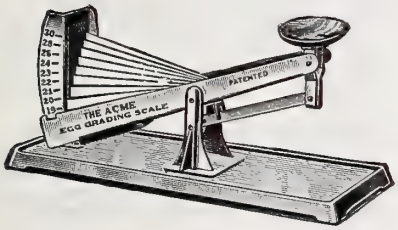
This Candler shows every defect in the egg instantly. Equipped with a reflector that adds to the illumination of entire egg, making it quick and thorough in candling. Can be attached to any light socket. Standard equipment is for 110 voltage.

No. 700. Complete Candler, including cord and socket, for 110 voltage.....$1.30

Egg-Tester

25 cts., postpaid 35 cts.

The Acme Egg-Grading Scale



Automatic, quick, accurate, convenient. Standard in all sections. Graded eggs mean a higher market-value.....$2.35

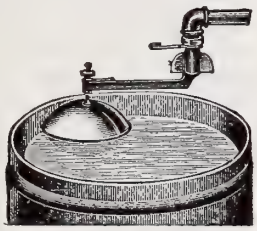
Incubator Thermometers (Stand Up)

No. 3002.....$0 75
No. 4011. Brooder. Metal..... 45
No. 4001. Brooder. On wood..... 50

Porcelain Nest Egg

The best and cleanest Nest Egg used. **5 cts. each; 30 cts. per doz.; postpaid 40 cts.**

Automatic Water Valve



Valve is threaded for ¼-inch iron pipe. The wire hook holds the float up while pan is being cleaned or removed.

No. 30. Automatic Valve and Float only. Packed 12 in a carton. Weight each 10 ozs., 6 lbs. per doz.....85 cts. each

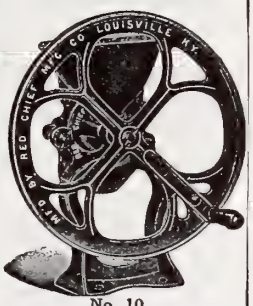
Red Chief Mills

No. 1. For small poultry raisers. $3.50

No. 2. Best Crank Mill on earth. Feed-gauge to regulate grinding.....$5

No. 5. With large capacity feed- and fly-wheel. Clamps to box. $6.50

No. 10. With feed-gauge, fly-wheel and handsome stand to screw on table. $8.50.



No. 10

Parcel Post New Model Metal Egg Crates

The new patented filler made of cardboard, circular in shape (like an egg) and reinforced with metal edges to insure strength, yet retain lightness in weight, is a wonder for safety and durability.

1-doz. egg size.....$1 00
2-doz. egg size..... 1 50
3-doz. egg size..... 1 75
4-doz. egg size..... 2 00

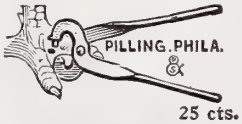
Boxes for Fresh Eggs

This is not a parcel post or express box, but is intended for counter and private use. Anyone selling eggs will find this box a great convenience, as it obviates any mistakes in the count and also avoids any breakage.

Delaware Egg-Boxes. Two rows for 12 eggs.....$1.20 per 100

Eagle Egg-Boxes. Three rows for 12 eggs. 65 cts. per 100

(Special prices in quantities)



Lansdowne Poultry Marker

25 cts.

Leg Bands

Aluminum. 15 cts. per doz.; 40 cts. for 50; 65 cts. per 100; $3 for 500; $5.50 per 1,000.

Celluloid. No. 91. ¾-in. 15 cts. per doz.; 40 cts. for 50; 70 cts. per 100; $3.25 for 500; $6 per 1,000.

No. 92. $\frac{9}{16}$-in. 15 cts. per doz.; 35 cts. for 50; 60 cts. per 100; $2.75 for 500; $5 per 1,000.

No. 93. ½-in. 15 cts. per doz.; 30 cts. for 50; 50 cts. per 100; $2.25 for 500; $4 per 1,000.

Cel-O-Glass

Made of coarse-mesh galvanized wire cloth, treated in such a manner that the spaces between the strands are filled with a clear, translucent, tough, flexible substance that will not rub off, peel, or become brittle. **3 ft. wide, 40 cts. per running foot. 50-ft. rolls $19.50.**

Window Fabric

Much cheaper than glass. A strong fabric treated by a patented process to make it transparent and waterproof. It admits abundant light. The popularity of Glass Cloth has been sensational. Width, 36 in. **Yd. 22 cts.; 5 yds. $1.05; 10 yds. $2; 50 yds. $19.**

Caponizing Tools

You can do your own caponizing easily with this set of tools. Each tool is made for this special work, and is of the highest grade. These sets are packed in a neat wooden box.

Philadelphia Set.....$3 50
Farmer's Set..... 3 50

Philadelphia Gape Extractor

30 cts. each

French Poultry Killing Knife

Expeditious and humane way of killing and dressing poultry. Price, with full instructions, **60 cts.**

Wire Hen Nests

20 cts. each; $2.35 per doz.

Lice Killer and Nest Egg Combined in One

Lasting; effective. Not expensive. Does not affect the flavor of the egg nor injure it for hatching.....60 cts. per doz.

Thermometers

No. 905. 10-in. japanned tin...**30 cts. each**

No. 3391. Distance Reading. 8-in. An excellent Thermometer for greenhouses and for use where it is necessary to get a quick reading.....25 cts. each

No. 3002. Incubator. May be used for a stand-up or reclining with proper holder. With holder.....75 cts. each

No. 5452. Self-Registering. Boxwood scale; black-filled figures; japanned tin case. 10-in.....$8.50 each

No. 5981. Hotbed. 16-in.; wood frame, with handle; brass pointed ferrule; brass oxidized scale; white-filled figures and graduations.....$3 each

No. 5740. Standard Dairy. Stands boiling water; black oxidized brass scale; white-filled figures and graduations, range from 20 to 200 degrees.....$1 each

No. 201. Large Floating Glass Dairy. ..... 35 cts. each

No. 7236. Milk Hydrometer. (Quevnne.) .....$1.50 each

If Thermometers are wanted by parcel post, add 10 cents for postage and packing.

Tested Remedies for Stock and Poultry

AVICOL. Saves the chicks. Avicol has a specific and selective action on the germs causing cholera and white diarrhea. It knocks the germs and gives the chick a chance. **50 cts. and $1.**

BAG BALM. There is no remedy so quick and certain in its curative powers for all diseases of the cow's udder and teats as Bag Balm. It is a soothing, penetrating ointment, especially adapted for all those serious and annoying troubles known as caked bag, cow-pox, chapped, cracked and sore teats, bunches, chafing and inflammation of all kinds. **60 cts.**

B-K BACILI-KIL. Disinfectant—Deodorant—Antiseptic. It is fed in drinking water to calves, little pigs, and poultry. A powerful solvent of all protein matter such as casein milk solids on utensils, dead tissue, pus and mucus in animal tissue. **10-oz. bottle 50 cts.; 1-qt. bottle 90 cts.; 1-gal. bottle $2; 5-gal. carboy $8.50.**

B-K POWDER. Small size 75 cts.; large size $1.50.

BLACK-LEAF WORM POWDER. An odorless, tasteless, dry compound containing nicotine that remains insoluble in the mouth, throat, crop and gizzard, hence non-toxic to poultry. **4-oz. pkg. 75 cts. (for 100 birds); 1½-lb. pkg. $2.90 (for 600 birds); 3-lb. pkg. $5.60 (for 1,200 birds).**

BLACK-LEAF WORM PELLETS. They have the same advantage as to lack of odor, taste, and toxicity to poultry as Black-Leaf Worm Powder. **80 cts. per 100 (for 100 birds); $3.50 for 500 (for 500 birds); $6.50 per 1,000 (for 1,000 birds).**

BLACKMAN'S SALT BRICKS. The easiest and best way to give medicine to stock—it salts them, too. When dropped in the feed-box, the brick is licked by the animal as needed. Contains copperas for worms, sulphur for the blood, saltpetre for the kidneys, Nux Vomica, a blood tonic, and pure dairy salt. **25 cts. each; $3 per doz.**

BOURBON REMEDIES.

Poultry Remedy. A few drops in the drinking water cures and prevents white diarrhea, cholera, and other chick diseases. **Trial bottle 60 cts.; ½-pt. bottle $1; 1-pt. bottle $1.50; 1-qt. bottle $2.25; ½gal. $3.50; gal. $6.**

Hog Remedy. Qt. $2.25; ½gal. $3.50; gal. $6.

CARBOLA. A white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic, kills lice, mites, fly-eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. **5 lbs. (2½ gals.) 60 cts.; 10 lbs. (5 gals.) $1; 50 lbs. (25 gals.) $3.50.**

CHARCOAL, Fine, Medium, and Coarse. A little ground Charcoal mixed with the soft feed in the morning, once or twice a week, is an excellent corrective for the fowls, and keeps them healthy. We carry three sizes: one for grown fowls, one for small chicks, and pulverized. **5 lbs. 25 cts.; 10 lbs. 40 cts.; 25 lbs. $1; 50-lb. sack $1.75; 100 lbs. $2.75.**

COW-EASE. Relieves cattle and horses from flies. **¼gal. 60 cts.; ½gal. 90 cts.; gal. $1.50; 5 gals. $7.25.**

CREOSOTE OIL, Grade 1. 1-gal. can $1; 5-gal. can $4.50.

CRACKED BONE. (For poultry.) This article is manufactured from fresh, clean bones and is perfectly pure and sweet. We carry two sizes: No. 1 for grown fowls, and No. 2 for young chicks. **5 lbs. 25 cts.; 10 lbs. 40 cts.; 50 lbs. $1.50; 100-lb. sack $2.85.**

CRUSHED OYSTER SHELLS. Aid digestion and supply lime. No. 3 for young chicks. **5 lbs. 10 cts.; 100 lbs. 80 cts.; 500 lbs. $3.50. Special prices in larger quantities.**

DON SUNG TABLETS. Scientifically compounded to make a balanced tonic and regulator for hens and to stimulate egg-laying. A concentrated medicine—no filler. **Pkgs. 50 cts. and $1.**

DR. HESS ANTISEPTIC POWDER. A ready help in emergencies—deserves a place on every stable shelf. For treatment of wire-cuts, scratches, galls, and wounds. Quickly forms coating over wound and starts healing. **4-oz. pkg. 25 cts.; 10-oz. pkg. 50 cts.**

DR. HESS CHICK TABLETS (formerly White Diarrhea Tablets). Most diarrhea conditions can be corrected by Dr. Hess Chick Tablets. These tablets are a bowel stringent to be given in drinking water. Once the tablets are in solution, they remain so. **Pkgs. 25 cts., 50 cts., and $1.**

DR. HESS FLY-CHASER. One application lasts six hours. Prevents milk-slump. Keeps cattle and horses contented during fly season. **Gal. $1.50; 5 gals. $6.**

DR. HESS HOG SPECIAL. A conditioner and mineral supplement for hogs only. Dr. Hess Hog Special is an appetizer, laxative, and diuretic—also a perfectly balanced mineral supplement. **1½-lb. pkg. 25 cts.; 3-lb. pkg. 45 cts.; 7-lb. pkg. 85 cts.; 15-lb. pkg. $1.75; 25-lb. pkg. $2.50; 100-lb. pkg. $8.50.**

DR. HESS LIQUID LOUSE KILLER. Paint roost to kill lice on poultry. Spray plants to kill plant-lice. **1 oz. 35 cts.; 4 ozs. 85 cts.; 8 ozs. $1.45.**

DR. HESS POULTRY PAN-A-MIN. Pan-a-Min is of high value to moulting hens, in egg-production, in reducing chick-mortality, in bone and feather-growth, and in maintaining health. **1½-lb. pkg. 25 cts.; 3-lb. pkg. 45 cts.; 7-lb. pkg. 85 cts.; 15-lb. pkg. $1.75; 25-lb. pkg. $2.50; 100-lb. pkg. $8.50.**

DR. HESS DIP AND DISINFECTANT. One gallon of dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease-germ destroyer. Purifies stables, troughs, sinks, drains. **Qt. 50 cts.; ½gal. 85 cts.; gal. $1.45; 5-gal. can $6.50; 50-gal. drum, $1 per gal.**

DR. HESS POULTRY WORM TABLETS. Odorless, tasteless, and non-toxic to poultry. The nicotine in the tablet is released, full strength, in the intestine where the large roundworm lives.

40 tablets....	$0 50	500 tablets..	$3 50
100 tablets....	1 00	1,000 tablets..	6 50
250 tablets....	2 00		

DR. HESS POULTRY WORM POWDER. Convenient to use where you desire to mix it with the feed, and contains the same active ingredients that are in the Tablets. **2-oz. pkg. (50-bird size) 50 cts.; 4-oz. pkg. (100-bird size) 90 cts.; 10-oz. pkg. (250-bird size) $1.90; 1¼-lb. pkg. (500-bird size) $3; 2½-lb. pkg. (1,000-bird size) $5.40.**

DR. HESS POULTRY TABLETS (formerly Roup Tablets). While there is no absolute cure for roup, Dr. Hess Poultry Tablets are of high value in treating locally the swellings incident to the disease. **Pkgs. 25 cts., 50 cts., and $1.**

DR. HESS STOCK TONIC. A summary of many improved tests covering three whole years shows that cows receiving Dr. Hess Stock Tonic produce on the average 54 per cent more profit than cows not getting the Tonic. All the minerals that have proved necessary to the heavy producing dairy cows have been added. **1½-lb. pkg. 25 cts.; 3-lb. pkg. 45 cts.; 5-lb. pkg. 65 cts.; 15-lb. pkg. $1.75; 25-lb. pkg. $2.50; 100-lb. pkg. $8.50.**

GIZZARD CAPSULE. Will quickly rid your chickens of both tapeworms and roundworms. Five times as effective as worm remedies given in food or drink. As easy to administer as giving a pill. Suitable for chicks at 10 weeks (2 lbs.) to full grown.

Adult or Hen Size: 75 cts. for 50; $1.35 per 100; $3 for 250.

Pullet Size: 50 cts. for 50; $1 per 100; $2.50 for 250.

Chick Size: 40 cts. for 50; 75 cts. per 100; $1.75 for 250.

GROUP-OVER. A wonderful, new, prompt and positive treatment for Roup, Canker, and Colds in Poultry. Roup is one of the most serious of poultry diseases. Stop it quickly with Group-Over. **Large bottle 50 cts.; extra-large bottle $1.**

G. & T. CO.'S HIGH-GRADE PURE MEAT SCRAP OR MEAT MEAL. (50 per cent protein.) This Meat Scrap is the highest possible grade, and is made from pure meat trimmings and cracklings. It is fully guaranteed as to quality and will keep indefinitely. **5 lbs. 25 cts.; 100-lb. bag $2.50.**

INSTANT LOUSE KILLER. Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash, and melon vines; cabbage worms; slugs on rose bushes, etc. **Lb. 25 cts.; 2½ lbs. 50 cts. Guaranteed.**

KOW-KARE. A remedy in powder form, to be given in regular feed. It cures abortion, barrenness, scours, and caked udder, removes retained afterbirth, purifies the blood, strengthens the appetite, vitalizes the nerves, and prevents disease. It increases the milk-flow. **Small size 65 cts.; large size $1.25.**

POULTRY GRIT. (Poultry, Pigeon, and Chick Sizes.) **5 lbs. 10 cts.; 100-lb. sack 80 cts.; 500 lbs. $3.50.**

ROTO SALT CAKES. 25 cts.
Roto Salt-Holders. 50 cts.

SAL-VET. A medicated salt—a safe, simple, inexpensive remedy which gives worm-infested stock the medicines they need along with the salt they crave. **10-lb. pkg. $1; 25-lb. pkg. $2.25; 100-lb. bag $6.75.**

SODIUM FLUORIDE. For lice. Recommended and endorsed by leading agricultural colleges and experiment stations everywhere. **½-lb. box, with sifter top, 35 cts.; 1-lb. box, with sifter top, 60 cts.**

TOXITE. (Liquid.) Stops bloody diarrhea in chicks and prevents terrific losses in pullets and old hens from coccidiosis, worms, and other diseases. **Qt. 50 cts.; gal. $1.50; 5-gal. drum $6.50.**

TOXITE OINTMENT. Jar 50 cts.

Poultry, Horse, and Cattle Remedies

PRATTS ANIMAL REGULATOR. Intelligent, humane and prudent owners of horses, cows, and other live-stock realize the value of good tonics, regulators, and remedies. **Pkgs. 25 cts., 50 cts. and $1. 25-lb. pails $2.75; 100-lb. drums $9.50.**

PRATTS CHICK TABLETS (Formerly called "Pratts White Diarrhea Remedy"). It is only necessary to give this remedy in the drinking water from the first drink. It has saved many dollars' worth of chicks to poultry raisers. You can depend on it. **25 and 50 cts.**

PRATTS COD-LIVER OIL. Vitamin-tested for poultry and stock. **Gal. $1.50; 5 gals. $7.50; 30 gals. $30.**

PRATTS DIP AND DISINFECTANT. Three times as powerful as crude carbolic acid. A sure deodorizer, germicide, and liquid lice killer. Use it in roup, colds, and other contagious diseases. **¼gal. 50 cts.; ½gal. 85 cts.; gal. $1.45.**

PRATTS NEW SPLIT-ACTION CAPSULE. Does the work of two ordinary worm treatments. A special process (patent applied for) now enables you to obtain a poultry worm capsule in which the Kamala and the Nicotine act separately several hours apart. The medicines do not interfere with each other—their action is split, just like two worm treatments in one capsule. This is the new way to get most satisfactory results, and with least disturbance to the fowls.

Adult Size

50 tablets....	$0 85	500 tablets..	$5 50
100 tablets....	1 50	1,000 tablets..	10 00

Chick Size (for birds under 4 lbs.)

50 tablets....	$0 55	500 tablets..	$3 75
100 tablets....	1 00	1,000 tablets..	6 50

PRATTS POULTRY INHALANT. It has long been a popular belief that infectious disease germs, expelled by coughing or sneezing, could not hang in the air for hours and be carried by air-currents to other birds. Recently the Harvard University School of Public Health definitely proved these germs may live in the air for 48 hours. Fratts Inhalant helps kill these germs and prevents them from spreading disease. **1-pt. bottle 60 cts.; 1-qt. bottle $1; 1-gal. bottle $3.**

PRATTS POULTRY REGULATOR. Contains just those elements needed to keep poultry in perfect health. Both a tonic and digestive. Prevents common poultry ailments. Produces growth, gives increased vitality, and hastens maturity. Makes pullets early and constant layers. **Pkgs. 25 and 50 cts.; 12½-lb. pkg. $1.50; 25-lb. pail $2.75; 100-lb. drum $9.50; bag $9.25.**

PRATTS POULTRY WORM POWDER. Poultry worms are one of the greatest menaces to the poultry raiser. Pratts Worm Powder will greatly aid your flock and put them on a laying, paying basis. **Pkg., 100-hen size 60 cts.; 500-hen size $2; 1,000-hen size $3.50.**

PRATTS POWDER LICE KILLER. Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer. Will kill lice on horses, cattle, dogs, or cats. **25 and 50 cts.**

PRATTS R-P POWDER AND TABLETS. Contains remedies which are quickly absorbed, purify the blood, and reduce fever. Pills are convenient for individual treatment. Many poultrymen use this remedy the year round as an effective preventive. **Tablets or Powder, 25 and 50 cts.**

PRATTS RED MITE SPECIAL. An effective liquid for exterminating the blood-sucking mites. Spray or paint on roosts, dropping-boards, nests, and other places where mites hide. Use these preparations regularly. **Qt. 60 cts.; ½gal. $1; gal. $1.60.**

PRATTS ROOST PAINT. Contains nicotine compounds that kill lice and mites. Just paint it on the roost. If the roost is dusty or dirty, clean it off. If the roost has been whitewashed, scrape it off and apply Pratts Roost Paint directly to the top of the roost. Several applications may be necessary as many lice-eggs may hatch out after the first treatment. You will find this treatment very effective and satisfaction is assured. **½-pt. can 75 cts.; 1-pt. can $1.25; 1-qt. can $2.**

KNOX-OUT FLY SPRAY. A product of the General Laboratories, Inc., makers of B. K. It is of the highest grade and very effective. The 5-gallon container is an improved Easy-Pour Can making it very convenient to use. **1-gal. can $1.50; 5-gal. can $6.75.**

WALKO TABLETS. For baby chicks. You can have happy results raising baby chicks if you use Walko Tablets. **50 cts. and $1.**

OLD HICKORY SMOKED SALT. This Salt improves keeping qualities because the smoke on the Salt is available when its preservative help is most needed and best utilized. The smoke permeates the meat while the other curing ingredients are being absorbed, resulting in perfect blending of all the flavors throughout every tissue and developing uniformly throughout the meats that delicious, genuine hickory-wood flavor that everybody likes. **Pkg. (about 10 lbs.) $1.**

Poultry and Calf Foods and Conditioners

PRATTS BUTTERMILK BABY CHICK FOOD. This Food is appetizing, harmless, wholesome, non-stimulating, highly digestible, clean, low in moisture, high in quality, always uniform and complete in every element needed for bone, muscle, feathers, and health. Money can buy no better. **Pkgs. 25 and 50 cts.** Write for prices on 5, 10, 25, 50, and 100-lb. bags.

Pratts Buttermilk Baby Chick Food. (Pelleted.) Write for prices on 25- and 100-lb. bags.

PRATTS BUTTERMILK GROWING MASH. This produces more pounds of weight on less food. So skilfully and thoroughly processed that all dust, hulls, or other foreign particles are removed. Every ounce is solid food that will build muscle, bone, nerve, feathers, and health. Digestible, appetizing, economical. Write for prices on 100-lb. bags.

PRATTS BUTTERMILK LAYING MASH. A remarkable Mash that is the standard by which all others are judged. Not alone theoretically right but proved by practical test to be the greatest "egg producer" ever made. There is a good reason for every ingredient in this splendid Mash. It produces more eggs at less cost per dozen and gives greatest profits.

Victory and **Supreme.** Write for prices on 100-lb. bags.

PRATTS INTERMEDIATE SCRATCH OR DEVELOPING FEED. Never in your life have you seen such a splendid Scratch Feed. It is clean-cut, uniform in size, attractive in variety and appearance, free from every particle of dust, hulls, chaff, weed seeds or foreign materials, perfectly milled and mixed.

Victory. Write for prices on 100-lb. bags.

PRATTS LARGE SCRATCH FEED. Made only of the best of plump, sweet, well-seasoned grains, it is the very acme of quality and gives the maximum of results. Every single grain of Pratts is real food.

Victory and **Utility.** Write for prices on 100-lb. bags.

PRATTS CHICK SCRATCH FEED. Pronounced by authorities everywhere to be the finest, cleanest, purest, most economical, and highest quality Chick Scratch Feed ever offered to the public. Every ingredient is of the highest quality, carefully cracked and processed, and repeatedly cleaned to free it of all dust, hulls, flour, or other useless or wasteful parts. Contains no large pieces that might choke the chicks.

Victory. Write for prices on 100-lb. bags.

PRATTS RABBIT PELLETS. (Complete.) One of the best foods for rabbits. It is pelleted and used in connection with alfalfa hay. Write for prices.

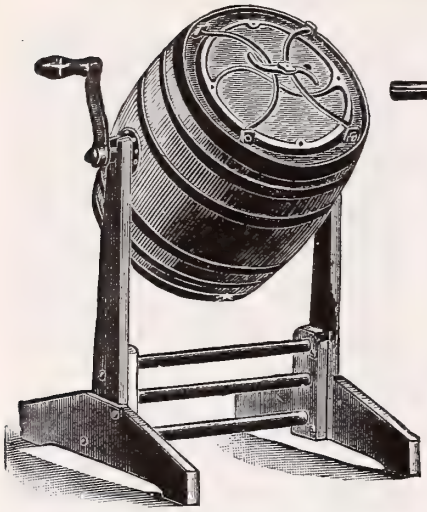
PRATTS CALF MEAL. A safe and economical feed. It takes a little over 160 pounds to raise a calf to four months of age. Contains properly balanced proportions of nutriments which consist of highest quality proteins, vitamins, and minerals, for health and bone foundations. Analysis: Protein 24 per cent, fat 4 per cent, fibre 6 per cent, carbohydrate 55 per cent, nitrogen-free extract 44 per cent. **Write for prices.**

Baby Chicks

Bred to lay, from big healthy stock. We start shipping about March 1. **Write for prices.**

To be sure of a successful garden, use only the finest seeds. Griffith & Turner Co. have helped make successful gardens for 77 years.

FINEST QUALITY DAIRY SUPPLIES



Baltimore Favorite Churn

Made of thoroughly seasoned material, finished smooth inside as well as outside. The iron ring head is strong and not liable to break. Bails are fastened to the iron ring. Directions for using in each Churn. We furnish Pulleys for power at prices according to size desired.

	Capacity	Churns	
No. 0	6 gals.	3 gals.	$7 60
No. 1	10 gals.	5 gals.	8 60
No. 2	15 gals.	7 gals.	9 60
No. 3	20 gals.	10 gals.	11 60
No. 4	25 gals.	12 gals.	14 10
No. 5	35 gals.	17 gals.	16 00
No. 6	50 gals.	25 gals.	30 50

12-in. Single Pulleys, with Trunnions, for above.....**$4.25 each**
Pulley only.....**$2.50 each**
Trunnion only.....**$1.75 each**

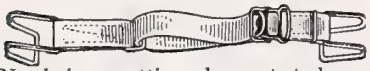
These Churns can be equipped to be run by an electric motor. The outfit consists of a 16-inch grooved Pulley and Shaft for Churn and a 16-inch grooved Pulley and Shaft to go on frame and two 62-inch V belts less motor. $15. ¼h.p. Motor is recommended.

Cotton Pads for Sanitary Milk Strainers

These Pads are cut round to fit in the strainer and are a necessity in producing clean milk.

They fit the Sanitary Strainer, as listed on page 73. 6-in., $1 for 300 (in carton). 6½-in., $1.20.

Perfection Anti-Cow Kicker



No chain or cutting-edge parts to lacerate, bruise, or blemish the cow's leg. The grapple or hook parts are made from a special size round steel, so shaped and arranged to prevent torturing or injuring the animal's leg. **$1.25.**

Dominion Dairy and Household Cleanser

An improved Cleanser and Purifier for all dairy and household purposes. Just the thing for churns, pails, and anything used in dairies. For household use, laundry work, all kitchen use, house-cleaning, public buildings, hotels and factories.

Dissolves in either hot or cold water, and rinses off perfectly clean without leaving a soapy scum. **5-lb. bag 35 cts.; 25-lb. bag $1.50.**

Aseptic Milking Tubes

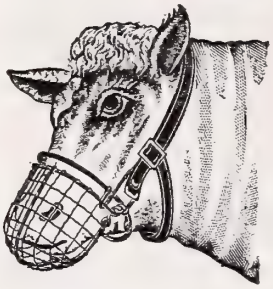
For Cows with Sore Teats

Insert one in the teat and the milk will flow. Self-retaining.....**25 cts.**

Rice's Calf Weaners

Also prevents cows from sucking themselves.

No. 1 (for calves).....**50 cts.**
No. 2 (for heifers)...**75 cts.**
No. 3 (for cows).....**$1**



Shaw's Calf Weaners

The action is entirely in the basket, it being hinged to the end of the nose-piece. Basket is made of heavy galvanized wire and the halter of solid leather; can be adjusted.

No. 1.....$0 50 | No. 2.....$0 65
No. 3..... 80

Cedar Cylinder Churn

There are a number of Cylinder Churns on the market sold at a lower price, but they are made of pine or other inferior wood, while these are all of selected cedar, free of knots.

No. 1.	2¾-gal.	$4 00
No. 2.	4 -gal.	4 75
No. 3.	7 -gal.	5 50
No. 4.	10½-gal.	6 25

Hill's Hog-Ringer

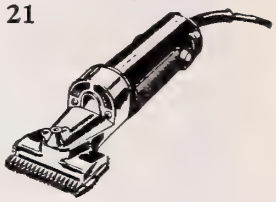
25 cts. each.

Pig-Rings.....$0 20
Shoat-Rings..... 20
Hog-Rings. Box..... 20
Hog-Snout Cutter..... 2 00

Bull Rings

Copper, 2½-in. 45 cts.; 3-in. 50 cts. Heavy. $1.60.

Marvelous, New, Improved Stewart Electric Clipmaster No. 21



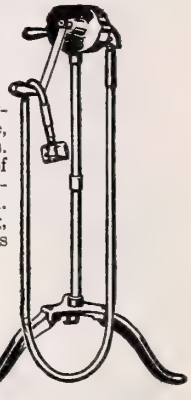
Where electricity is available, this is the easy, quick way to get all the advantages out of the market's best clipping machine.

New, extra-powerful, ball-bearing motor completely self-contained inside the handle. Air-cooled by its own fan and ball-bearings for fast, cool, heavy-duty clipping. Years of experimental work produced this wonderful motor. Hard, all-day, heavy-duty tests have proved it far ahead of anything yet produced.

Smaller, more convenient handle, barely 2 inches in diameter. Perfect balance makes clipping easy and quick. Easy, comfortable grip in any clipping position.

Perfect insulation—shockproof. Impossible for any current to reach clipping head. No ground wire necessary. Uses little current—same as an ordinary light bulb. Weight 6 lbs.....**$16.95 each**

The Stewart No. 1 Ball-Bearing Horse-Clipping Machine



A very rigid and extremely durable machine, weighing, complete, 36 lbs. Gears enclosed in dustproof metal box are cut from special steel and hardened. Has 6-foot, easy-running, flexible Shaft and famous Stewart clipping head.

Complete, $12.50.

The Stewart No. 9 Ball-Bearing Sheep-Shearing Machine

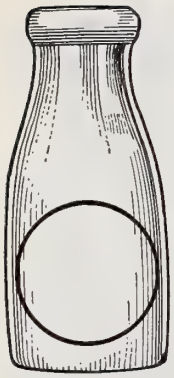
Gears all cut from solid tool steel, hardened, and enclosed in dustproof metal box. Has large balance-wheel to assist in easy running. Every joint in the shaft and shearing head is fitted with ball-bearings. Fitted with No. 7 Ball-bearing Shear, 2 Combs, and 4 Cutters. Weight 50 lbs.....**$22.95 each**

Horse-Clipping Attachment

Will fit any Stewart Sheep-shearing Machine.

Consists of eye spindle and six feet of high-quality flexible shaft. Also the famous Stewart clipping head. Can be attached in a few seconds. Owners of a Stewart Shearing Machine who have horses should have this attachment. Packed in box.....**$8.25 each**

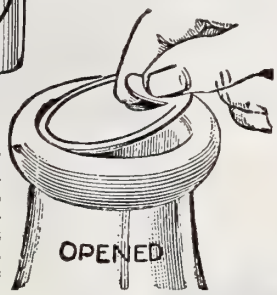
Every Need for Successful Dairying



Milk Bottles

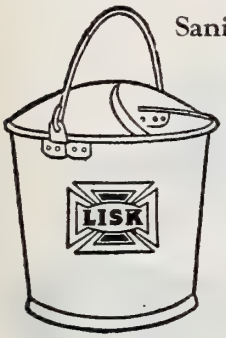
These Bottles are made by a factory that specializes in bottle-making. The glass is clear flint. The bottles are made with a long neck, and will show a deep cream-line

	Doz.	Gross
½pt.	$0 60	$5 85
Pt.	75	7 25
Qt.	1 00	9 75



Milk Bottle Caps

A very convenient Cap that will be appreciated, as it is made with a lift to take the Cap out. These Caps are made from 40-point thick board, and are thoroughly waterproofed with paraffine. . . . . .75 cts. per 1,000; $3.50 for 5,000



Sanitary Fish-Mouth Dairy Pail

Made from finest charcoal plate. One-piece retinned top or hood. Steel bail; reinforced ears. All seams sanitary soldered inside and out.

12-qt.	$1 50
14-qt.	1 60
14-qt. Seamless Hood Pail	3 50

Dairy Strainer Pail

Coppered bail. Reinforced ears. Handle near bottom to use when pouring from pail. IXX. charcoal plate. 12-qt. $1.25

Extra-Heavy Galvanized Pails

Made from extra-heavy sheets; heavy steel bail; strong ears; hot dipped galvanized after making; practically indestructible.

12-qt.	$0 55	16-qt.	$0 75
14-qt.	60		

Heavy Galvanized Pails

12-qt.	$0 45	14-qt.	$0 50

Milk Strainers

NEW SANITARY

Milk Strainer is made from heavy steel pressed in one piece, has heavy removable perforated steel well-tinned discs, between which you use the Sanitary cotton filter pads. This is the heaviest and best sanitary Strainer made; 12 quarts. $1.35.

Cream Pails

These Pails are made from 5A charcoal plate, mirror finish, very strong and durable.

14-qt., without Gauge and Faucet	$0 95
20-qt., without Gauge and Faucet	1 15
20-qt., with Gauge and Faucet	2 65

Double-Bottom Cement Pail

Heavy reinforced galvanized Cement Pail. . . .$1 05

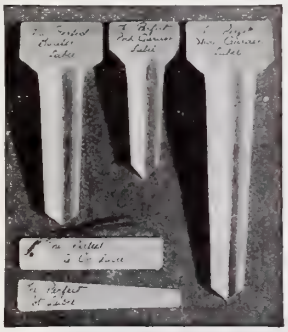
Milk Cans or Kettles

Finest charcoal plate. Seamless cover and neck. Bottom reinforced with steel band. Heavy steel bail. Sanitary soldered. Full capacity.

2-qt.	$1 20
4-qt.	1 35
6-qt.	1 50
8-qt.	1 75
10-qt.	2 00
12-qt.	2 20
16-qt.	2 55
20-qt.	2 85

LABELS—for Every Purpose

Perfect Garden Labels



Any ordinary lead-pencil can be used to mark this label. The marking will last for several years in any soil, or in any weather. It can be erased for other use. Green in color which makes them blend with foliage.

	12	25	100
Border Label 5 x 2-in.	$1 00	$2 00	$7 75
Rock-Garden Label 4 x 1¾-in.	90	1 75	6 75
Show-Garden Label 7 x 2⅛-in.	1 25	2 50	9 50
Tie-on Label 3½ x ¾-in., copper wired	75	1 50	3 00
Pot Label 4 x ¾-in.	50	1 00	2 50

Pot Labels

Painted	25	100	500	1,000	Plain 1,000
4 x ⅝-in.	$0 15	$0 40	$1 25	$2 10	$1 65
5 x ⅝-in.	20	45	1 40	2 30	1 80
6 x ⅞-in.	25	50	1 65	2 50	2 00

Garden Labels

Painted	25	100	500	1,000
8 x ⅞-in.	$0 30	$0 85	$3 30	$5 00
12 x 1⅛-in.	40	1 25	5 00	9 00

Tree Labels

3½-in., iron wired. $1.90 per 1,000.

3½-in., copper wired; painted. 25 cts. for 25; 50 cts. per 100; $1.50 for 500; $2.45 per 1,000.

Twine

Green Cotton. Ball 10 cts.; 6 balls 50 cts.
White Cotton. Ball 10 cts.; 6 balls 50 cts.
Soft Jute. For tying vegetables. Ball 15 cts.

Round Stakes (Painted Green)

Heavy or Dahlia	Each	Doz.	100
3-ft.	$0 12	$1 25	$9 50
4-ft.	17	1 75	12 50
5-ft.	25	2 50	16 00
6-ft.	30	2 75	19 70
Light Plant			
1½-ft.	03	30	1 70
2-ft.	05	45	2 10
2½-ft.	07	65	4 50
3-ft.	09	85	5 00

Cane Stakes. Natural color.	100	1,000
5 to 7 ft.	$1 25	$10 00

Chinese Tonkin Bamboo Stakes

Plain (not painted). Used for staking small trees, dahlias, chrysanthemums, and outside stock.

	Diam.	Doz.	100
4-ft.	½ to ⅝-in.	$0 50	$3 25
5-ft.	⅝ to ¾-in.	65	4 25
6-ft.	⅝ to ¾-in.	75	5 25

Add 10 cts. per doz. for postage.

Japanese Bamboo Stakes

Dyed Green	Doz.	100	1,000
2-ft.	$0 15	$0 50	$3 50
3-ft.	25	75	5 25
4-ft.	35	100	7 25

Dennis Plant Stakes

(with rattan coil)

Better than wire, as sun does not heat the rattan and burn plant.

	Each	Doz.
3-ft.	$0 12	$1 25
4-ft.	15	1 50
5-ft.	18	1 75

Extra Rattan. 3 cts. per ft.

G. B. Vine Supports

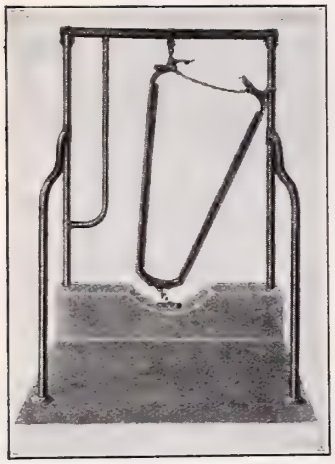
For training ivy, rose bushes, and all other climbers on brick, cement, or wood surface, without defacing it.

Box of 25, $1 each; 100 for $3, postpaid.

Raffia

Natural. Lb. 25 cts. **Green.** Lb. 85 cts.

HUDSON BARN EQUIPMENT



2A Stall, with 193 Stanchion, $11.25
2A Stall, with 193W Stanchion, $11.65

HUDSON COW STALL AND STANCHIONS

Specifications

Horizontal Top Rail: 1½ inch square tubing; non-twisting and absolutely rigid.

Partitions: 1⅝ O. D. high carbon-steel tubing, triple bend; extend backward 3 feet from stall-post. Other sizes on special order.

Uprights: 1⅝ O. D. high carbon-steel tubing.

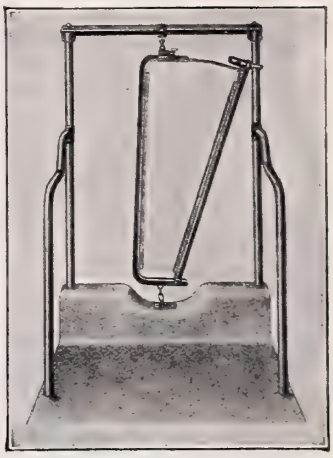
Sure Stop: Rigid, post to top-rail type. Can be used on narrow stall without reducing headroom. 1 1/16 O. D. high carbon-steel tube.

Fittings: Improved dustproof design.

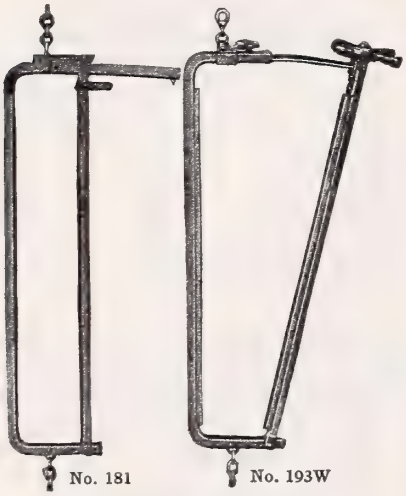
Anchors: Hudson angle-iron base, anchor post, stanchion, partitions, and the entire stall frame into concrete. A continuous anchorage the whole length of stall row across the width of stall at front and rear.

Assembly: Hudson labor- and money-saving method of assembling at factory, made possible only by the Hudson continuous double angle-iron anchors, reduces cost of erection and simplifies installation to greatest possible degree. Shipped three stalls set up in unit, ready to place in position on barn floor.

Curb: We recommend high curb, with cut-out for stanchions. Low curb may be used if preferred.



1A Stall, with 193 Stanchion, $10.30
1A Stall, with 193W Stanchion, $10.70
Sure Stop on 193 Stanchion, 50 cts.



No. 181 No. 193W

Hudson Stanchions

No. 181. Steel U-Bar Stanchion with heavy steel fittings; no castings used. Latch made of pressed steel, protected so the cow cannot open it. Weight 18 lbs. $2.50

No. 181W. Wood-lined $2.80

No. 193. The new features of this popular Stanchion make it unusually desirable. Made of high carbon U-Bar with or without wood linings. Patented, quick-acting latch, double lever type. Cow-proof. Adjustable neck-space. Will stand rough usage and give years of service. Plain Steel Stanchion. Weight 18¾ lbs. $3.50

No. 193W. Wood-lined Stanchion. Weight 20¼ lbs. $3.90

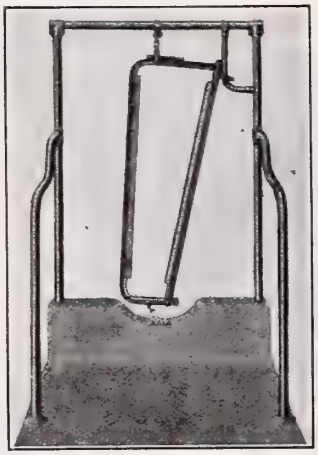
Hudson Sanitary Pens

For cows, calves, and bulls. Write for prices, giving sketch and size of Pens needed.

Safety Bull Staff

Constructed of 1 1/16-inch O. D. extra-heavy steel tubing with malleable lock hook. Will not break even when subject to severe strain. Length, 4 feet, 9 inches. Weight 8 lbs. **$3 50**

Bull Leader Snap. **1 25**



No. 500 Stall with No. 181 Stanchion, $8.60

No. 500 Stall is shipped knocked down and without the Hudson Angle Anchor System.

Upright, Partition and Top Rail: 1⅝-inch O. D. carbon-steel tubing.

Fittings: Malleable. Tee Couplings, two-bolt dustproof type.

Anchors: No. 10B U-bolt and yoke.

Width: Regular 3 feet 6 inches. Narrower Stalls can be furnished when specified.

Weight: Complete with Stanchion, 52 lbs. Can be furnished with other Hudson Stanchions at difference in price of Stanchions.

Salt and Mineral Bowl

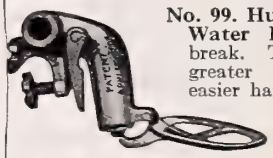
Attractive in design, easy to clean and strongly built. The rustproof cup is made of glazed stoneware and the unique supporting bracket of malleable iron guaranteed against breakage. The rim of the cup extends inward so that the salt will not be wasted. Opening in the cup is 4⅝ inches, or just large enough to permit the animal to lick the salt. Furnished for either wood or steel stall. Weight 10 lbs. Packed one in carton. **$1.85.**

Cast-Iron Corner Mangers

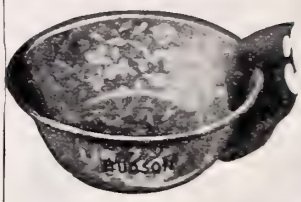
With roll-front Food-Guard.

	Length	Width	Depth	
No. 6	17 in.	17 in.	10 in.	$4 00
No. 7	18 in.	18 in.	10 in.	4 50
No. 7½ . . .	20 in.	20 in	10 in.	7 00

Hudson Water Bowls



No. 99. Hudson New Steel Water Bowl. Will not break. The Bowl has a greater capacity and is easier handled. **$3.75**



No. 99 Steel.

No.117 Bowl. $3.25.

Hudson Milk Stools

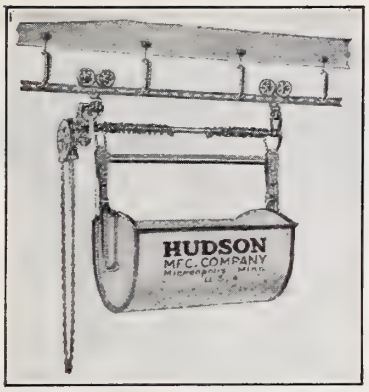
No. 96S. These have proved extremely popular, not only for milking but for many uses around the home, office, or store, in garages, filling stations, and camps. Pressed steel top. Comfortable for milking and will not tip. Legs high carbon steel, strongly reinforced and braced; will not twist. Weight about 4 lbs. . . . . **80 cts.**

Wrought-Iron Hay-Rack

No. 12. Frame, 1-inch channel; 8 uprights; ½-inch round bar, exceptionally strong and heavy. **$4.00**

No. 13. Frame, 1-inch channel; 6 uprights; ½-inch round bars. **$4.00**

FEED AND LITTER CARRIERS

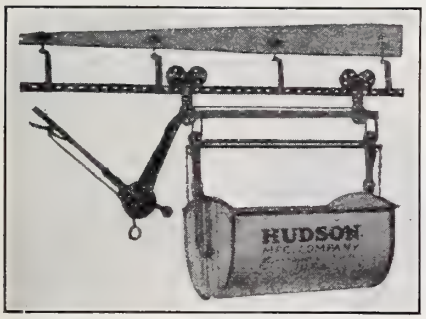


Chain-Hoist Litter Carrier

No. 59B

This Carrier combines great strength and rapid action. The hoisting chain is of special strength and is of a length to correspond with the shaft on which it winds. Carrier is equipped with friction brake. Tub is made of heavy galvanized sheet steel reinforced around the top and ends with 1-inch angle iron. The carrier locks at both ends, which increases its life. Bale is constructed of 1 by 1½-inch channel steel, strongly reinforced. Chain-shaft is 1-inch cold rolled steel. The full-swiveled, tandem trucks give greater bearing on the track and ease in turning corners.

Tub 42 in. long, 28 in. wide, 24 in. deep, inside measurements. Capacity, 12 bus. Weight, 182 lbs. **$49.50**



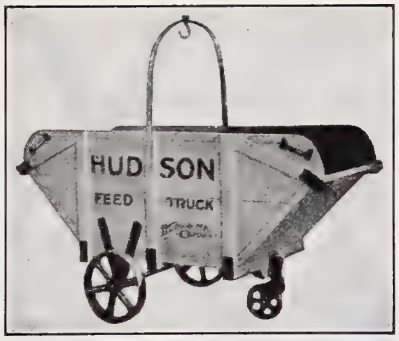
Lever-Hoist Litter Carrier

No. 42N

Makes a clean job out of a dirty one

Specifications:

Hoist: Ratchet and drum. Drops tub to floor in an instant or it can be lowered slowly, as desired. Lifts loaded tub in 10 seconds or less. Tub has regular drop of 8 feet. Extreme leverage and little friction make it quickest and easiest lifting Carrier.
Drum: Gray iron, 3¾ x 7½-inch diameter.
Lifting Cable: Best crucible steel, ¼-inch diameter.
Lift Cable Pulleys: Gray iron, 4½-inch diameter.
Lever and Hoist Frame: 2 x ¼-inch steel bars.
Tub: Hudson long-service construction; channel-bail reinforcement.
Track Wheels: Roller bearings, 6-inch diameter.
Capacity: 12 bus. Size of tub, 42 x 28 x 24 inches. Weight, 205 lbs. **$55.00**



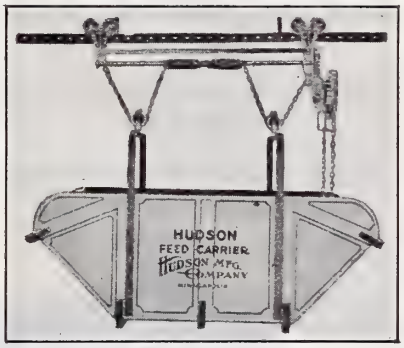
Floor Feed Truck

No. 141

A very convenient and durable Truck, built of selected lumber well put together and strongly reinforced. Load is evenly balanced on wheels, making Truck easy to handle. Wheels are located so that Truck may be turned in its own length.

Main wheels 14 inches high, with 2-inch face. Caster wheel 7 inches in diameter. Axle 1-inch cold rolled steel shafting. Capacity, 16 bus.

This Truck can be furnished with or without the Hudson Scale Arch. Galvanized steel bottom. Weight, 210 lbs. **$40.00**



Feed Carrier

No. 40C

The Hudson Raising and Lowering Feed Carrier has all the track-operating features found in our celebrated line of litter carriers, and is furnished with a tub or a carrier-box that is made of selected materials, and shaped so that the operator can work from either end when feeding. Equipment can be furnished for the installation of a system of trackage in connection with the litter carrier system.

Capacity, 16 bus. Weight, 225 lbs. **$52.00**

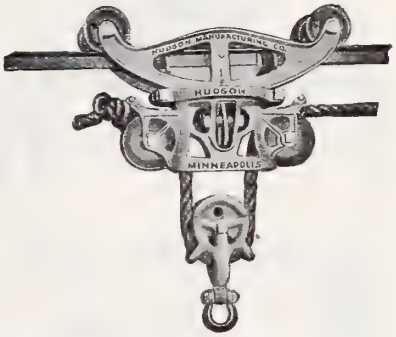
Hudson Track Equipment

No. 102.	**Track**	**$0 18**
No. 90C.	**Track Hangers,** with short extension and Nailing Plate.	**37**
No. 90B.	**Hangers,** to clear 4 inches..	**37**
No. 90F.	**Hangers,** to clear 8 inches..	**42**
No. 90L.	**Hangers,** to clear 12 inches.	**48**
No. 90P.	**Hangers,** to clear 16 inches.	**52**
No. 262.	**Two-way Switch**	**10 00**
No. 263.	**Three-way Switch**	**12 00**

No. H15 Automatic Hog Waterer

The Hudson Waterer is made so it will attach to a ¾-inch pipe line, water tank or barrel.
No. H15. Weight, each, 12 lbs. **$2.50**

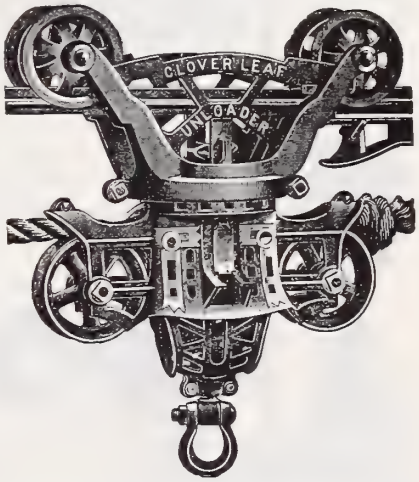
Hudson Adjustable Hay Carrier No. 326



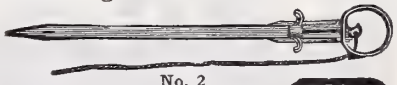
A long wheel-base, heavy-duty fork carrier, embodying all important features, such as Hudson deadlock, swivel base, turned steel axles recessed into the frame, wide mouth, and interchangeability of parts. The 16-inch wheel-base distributes the load over a greater portion of the track. Shipped complete with Fork Pulley, Trip Block, and two End Stops.

When ordering for other than Hudson Track, specify name of track so that proper Trip Block can be furnished. **$10 75**
Steel Track. Per ft. **23**
Track Hanger **18**

Myers' Clover Leaf Unloader



Made of malleable iron throughout and has 16-inch truck. It is substantially built. Fitted with large open mouth to receive the fork pulley when approaching it from any direction. Has swinging fork, pulleys. **$10 75**
Steel Track. Per ft. **23**
Track Hanger **18**



No. 2

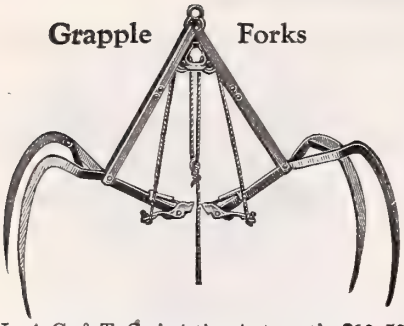
Harpoon Hay Fork

No. 1. Double; 25-in. tines..... **$2 75**
No. 1½. Double; 31-in. tines..... **3 00**
No. 2. Nellis Single.... **5 00**

No. 1

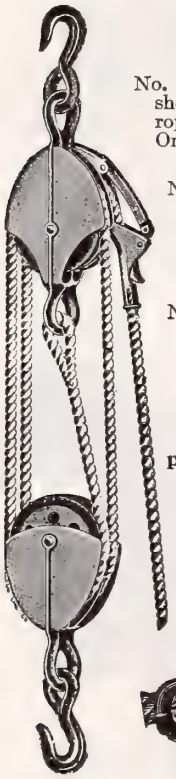
HAY TOOLS AND BARN DOOR HANGERS

Grapple Forks



No. 4. G. & T. Co.'s 4-tine Automatic. **$10 50**
No. 6. 6-tine Automatic..... **12 00**

Gritco Hoist



No. **40.** 2 sheaves above, 2 sheaves below; for ½-inch rope. Capacity, 1,500 pounds. One man can lift 400 pounds of 3-inch sheaves. **$3 each**

No. 34. 2 sheaves above, 2 sheaves below; for ½- to ⅝-inch rope. Capacity, 3,000 pounds. One man can lift 500 pounds of 4-inch sheaves. **$4.50 ea.**

No. 28. 2 sheaves above, 2 sheaves below; for ¾- to ⅞-inch rope. Capacity, 4,000 pounds. One man can lift 600 pounds of 5-inch sheaves. . . **$7 each**

Rope not included in price.

G. & T. Co.'s No. 14 Swivel Rope Hitch

Price, 50 cts.

No. 9 No. 10 No. 11 No. 12

Pulleys

No. 9. Maple Sheave..... **$0 75**
No. 10. All Iron..... **55**
No. 11. Knot Passing..... **85**
No. 12. Wood Frame with Hook..... **75**
No. 13. Wood Frame with Eye..... **75**

Rafter Brackets

No. 4. G. & T. Co.'s Steel.....**5 cts. each**

Floor Hooks

No. 5. G. & T. Co.'s. ¾-in. ..... **18 cts. each**
No. 5. G. & T. Co.'s. ⅝-in. ..... **15 cts. each**

Iron-Strapped Blocks

Patent Roller Bushed with Beckets

Size of Sheaves Inches	Diameter Rope	Length Pulley	Single	Double Shell
3½ x 1 x ½	¾ in.	6 in.	$1 20	$2 25
4¼ x 1 x ½	⅞ in.	7 in.	1 40	2 65
4¾ x 1⅝ x ⅝	1 in.	8 in.	1 75	3 50

Block and Fall for stages; 2 Single Blocks; 2 Double Blocks. 40-ft. fall, 350 ft.; 50-ft. fall, 425 ft.; 60-ft. fall, 500 ft.

¾-in. rope, 6 ft. to lb.
⅞-in. rope, 4¼ ft. to lb.
1-in. rope, 3¾ ft. to lb.

Lightning Pattern Hay Knife

Price, $2.15

American Sickle-Edge Hay Knife

Price, $2.15

No. 25 Trolley Roller-Bearing Steel Barn Door Hanger

Has two adjustments—vertical and lateral, and a return apron. Pendant 9 inches long, 3½ inches wide, $\frac{3}{16}$ inch thick. Suitable for doors 2 to 3 inches thick and weighing from 400 to 600 pounds. Made to run on No. 31 track. A pair of Hangers consists of two Hangers and carriers, one right and one left-hand bracket, complete with screws for hangers and lag screws for brackets. Hangers and track sold separately. When ordering always give thickness of door, exact width of opening and state whether for single or double door.....**$3 per pair**

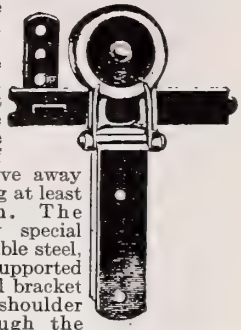
No. 20-2. For doors weighing up to 300 pounds and 1¾ to 2½ inches thick. Have 2⅛-inch steel wheels, steel roller bearings, 6-inch apron. Packed one pair of Hangers with Bolts, one Joint and two End Brackets. Hangers adjustable, vertical, and lateral. Weight 8½ lbs. per pair. ..... **$2.80 each**

No. 31 Track. 4-, 6-, 8-, and 10-ft..... **25 cts. per ft.**

Single Brackets.....**21 cts. each**

Double Brackets.....**70 cts. each**

Barn Door Hangers



No. 843. Flexible Hinge Barn Door Hanger. The door can be swung out from the bottom at any angle. The flexible feature allows the top of the door to move away from the building at least one-half inch. The track is heavy special high-carbon flexible steel, $\frac{3}{16}$ x 1¼ inch, supported by a heavy steel bracket with square shoulder mortised through the track every 17 inches. Weight, dozen pairs, 70 pounds. Weight, track, per 100 feet, 105 pounds.....**$1.35 per pair**

Track. Weight, 105 pounds per 100 feet.. **12 cts. per ft.**

No. 1061. Cannon Ball Jr. Barn Door Hanger. Flexible, non-adjusting roller-bearing machined wheels. One-piece heavy steel door strap.....**$1.25 per pair**

No. 1082. Cannon Ball Jr. Adjustable Barn Door Hanger. Lateral and vertical adjustments; tandem roller-bearing machined wheels; heavy one-piece door strap, for doors weighing up to 250 pounds, and 2 inches thick.....**$1.70 per pair**

Cannon Ball Jr. Track. In 3-, 4-, 6- and 8-ft. lengths.....**17 cts. per ft.**

Jr. Track Brackets, Joint and Center ... **11 cts. each**

Jr. Track Brackets, End.....**11 cts. each**

Lag Screws for Track Brackets..**3 cts. each**

No. 1068. Cannon Ball Adjustable Barn Door Hanger. Has roller bearings, flexible joint, tandem wheels, underslung carriage, lateral and vertical adjustments. For doors from 1¾ to 2½ inches thick, and up to 400 pounds in weight. ...**$2.50 per pair**

TRACK BRACKETS.
Not included in price of hangers.

Track Brackets, Joint and Center ..... **20 cts. each**

Track Brackets, End.....**20 cts. each**

Cannon Ball Track. In 3-, 4-, 6- or 8-ft. lengths.....**24 cts. per ft.**

Regular Iron Trace-Chains

	Per pair
7–8–2.	$0 75
7–10–2.	80
8–10–2.	1 25

Add 5 cts. for hook in place of ring.

Spreader-Chains

⅝-in. Close-Link Straight Spreader-Chain for two horses, with three hooks each. **$2 each**

Butt-Chains

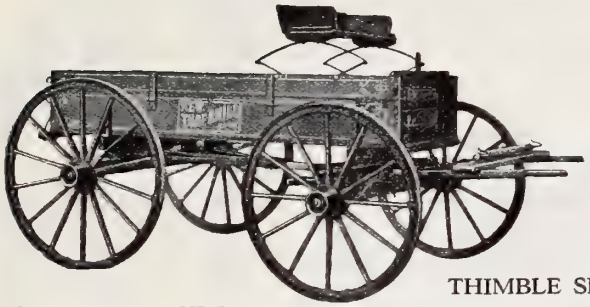
	Per pair
3-ft., 3–2.	$0 75
3-ft., 10–2.	80

Log-Chains

Long-Link or Ox Chain. $\frac{5}{16}$-in.; 12 or 14 ft. Per lb. **$0 15**

Long-Link or Ox Chain. ⅜-in.; 12 or 14 ft..... **15**

GRIFFITH & TURNER WAGONS



One-Horse Wagon

SOLID STEEL AXLE AND THIMBLE SKEIN

If One-Horse Wagon is wanted with Pole instead of Shafts, add	$6 50
Poles for One-Horse Wagons	13 00
Bodies without Seats, 7 ft. 6 in. long, 15 in. deep	14 00
Wagon Seats	5 00
For 1¾ x ¼-in. Tires on 1⅛-in. Axle Wagon, add	3 75
For 2 x ⅜-in. Tires on 1⅜-in. Axle Wagon, add	5 00
For 2 x ⅜-in. Tires on 2⅜-in. Wood Axle Wagon, add	5 50
Shafts as an extra	8 00

THIMBLE SKEIN ONE-HORSE WAGON

Size Cast Skein	Reg. Tires	Height Front Ft. In.	Wheels Rear Ft. In.	Dimension of Body: Length Ft. In.	Dimension of Body: Width Ft. In.	Dimension of Body: Depth In.	Capacity	Weight	Gear only, no brake	Gear with brake	Wagon comp. with body and seat	Wagon comp. with body and brake
2⅜ x 7½	1¼ x ⅜	3′ 4″	3′ 8″	7′ 6″	3′ 4″	15″	1,200 lbs.	550 lbs.	$55.00	$60.00	$73.00	$79.00

STEEL AXLE ONE-HORSE FARM WAGON

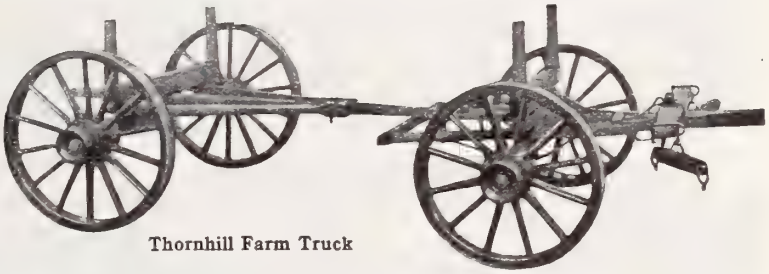
1⅛ x 6½	1⅛ x 5/16	3′ 4″	3′ 8″	7′ 6″	3′ 4″	15″	1,000 lbs.	550 lbs.	$57.00	$63.00	$76.00	$82.00
1⅜ x 7½	1⅜ x ½	3′ 4″	3′ 8″	7′ 6″	3′ 4″	15″	1,500 lbs.	735 lbs.	86.00	92.00	112.00	118.00

Thornhill Farm Truck

A good truck; very strong; suitable for either farm or road work; 2-inch solid steel square axles; wood wheels, 36-inch rear and 32-inch front; 2 x 8½-inch box and with 3 x ⅜-inch tires. It is made in both drop and slip tongue. Top or swing side and tail brakes furnished when ordered.

Equipped regularly with Club Bolster stakes, but can be furnished with stationary stakes. Prices include single- and doubletrees, and chains for stiff tongue, and neck-yoke for drop-tongue Wagon.

Be sure to state just what you want when ordering.



Thornhill Farm Truck

Farm Truck. With Drop Tongues, 32 and 36-in. Wheels	$98 00
Farm Truck. With Slip Tongue	98 00

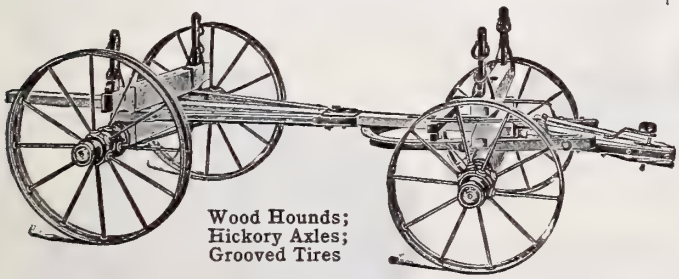
For any of the following extras, add to the above Wagon prices

10-foot Body, with 24-inch Sides, no Seat	$28 00
Body Brake Attachments	2 75
36-inch front and 40-inch rear Wheels	Optional
40-inch front and 44-inch rear Wheels	Optional
3 x ½-in. Tires	$5 50
4 x ⅜-in. Tires	8 50
Seat and Springs	6 00
Jersey Double and Singletrees	2 50
Side Brake	8 50
Tail Brakes	10 00
Both Brakes, when ordered at same time	18 00
Stationary Bolster Stakes	Optional

Farm Carts

2-in. Axle; 3 x ½-in. Tire; 4-ft. 4-in. Wheels; 700 lbs.	$87.00
2-in. Axle; 4 x ⅜-in. Tire; 4-ft. 4-in. Wheels; 750 lbs.	$92.00

Handy Steel Wheel Farm Truck with Full Front Hounds



Wood Hounds; Hickory Axles; Grooved Tires

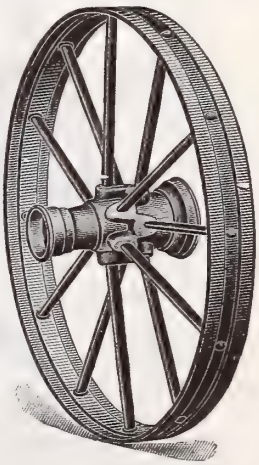
No. 815. 3¼ x 10 skeins. Weight, 500 lbs. Capacity, 4,000 lbs	$55 00
Brake	7 75
Doubletrees and Yoke	$5 50
Shafts, extra	9 00
Shafts instead of Pole, add	5 00

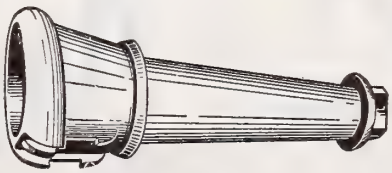
Metal Truck Wheels

We carry Wheels in stock sizes 3 x 9 and 3¼ x 10. All other sizes will have to be ordered from the factory, according to measurements sent, at special prices. If measured wrong, we will not take the Wheels back. Wood Wheels and other sizes, prices on application.

PRICES PER WHEEL WITH 4 x ⅜-IN. TIRES

24-in.	$6 60	32-in.	$8 40
26-in.	6 90	34-in.	8 80
28-in.	7 30	36-in.	9 50
30-in.	7 70		





Cast Skeins and Boxes

2½ x 8 in., with boxes, $9 per set; boxes extra $3.
2¾ x 8 in., with boxes, $10 per set; boxes extra $3.50.
3 x 9 in., with boxes, $11 per set; boxes extra $3.75.
3¼ x 10 in., with boxes, $14 per set; boxes extra $4.25.
3½ x 11 in., with boxes, $17 per set; boxes extra $5.50.

Steel Skeins ordered as desired

WAGON ACCESSORIES

Wood Single, Double, and Tripletrees

Our line of Single, Double, and Tripletrees is the best on the market. Clip ends. Made of second-growth hickory, carefully selected and thoroughly seasoned.

Singletree. 26-in.	$0 60	**Singletree.** 34-in.	$0 70
28-in.	60	**Doubletree.** 36-in.	1 25
30-in.	60	40-in.	1 40
32-in.	65	**Extra-Heavy Tripletree.**	2 25

Wood Neck Yokes

40-in. $1 50
44-in. 1 75

Wood Singletree Sets

One 36-in. Doubletree and two 28-in. Singletrees, with open rings $2 50
One 36-in. Doubletree and two 30-in. Singletrees, with open rings 2 60
One 40-in. Doubletree and two 34-in. Singletrees, with open rings 3 00

Full-Length Strap, Wagon-Tree Sets

48-in. Doubletree, 34-in. Singletrees, and 40-in. Neck Yoke.... $4 75
Wagon Doubletrees. 48-in. 1 40
Wagon Singletrees. 34-in. 1 00
Wagon Neck Yokes. 40-in. 1 50
Double and Singletrees, less Neck Yoke for rollers, corn planter, etc. 2 00
Double and Singletrees, with Neck Yoke for rollers, corn planters, etc. 3 50

Open Side-Lap Links

Polished; ½ x 2½ in. ..... 15 cts. each
⅝ x 3 in. ..... 20 cts. each
¾ x 3 in. ..... 25 cts. each

Set of Welded Clips

For Doubletrees

No. 77. Southern. One ⅝-in. Center Clip and Hook, with Hook and two ½-in. Clips ..... 45 cts. per set

No. 76. Pennsylvania. One ¾-in. Center Clip and Hook, with ¾-in. Hook and two $\frac{9}{16}$-in. End Clips ..... 65 cts. per set

For Singletrees

No. 75. One ½-in. Center Clip, and two ⅜-in. End Clips, used on 28-in. Singletrees ..... 30 cts. per set

No. 74. One $\frac{9}{16}$-in. Center Clip, and two $\frac{7}{16}$-in. End Clips. 35 cts. per set

No. 73. One ⅝-in. Center Clip, and two $\frac{7}{16}$-in. End Clips, used on 34- and 36-in. Heavy Singletrees ..... 40 cts. per set

No. 72. One ¾-in. Center Clip, two ½-in. End Clips .. 60 cts. per set

Wagon or Truck Skids

These Skids are made from strong, select hickory side-bars, one end being ironed with wedge-shaped steel points, between which the side-bars extend, which prevents them from splitting. The upper end is ironed in a similar way, only it is equipped with hooks to fasten to the body of the vehicle.

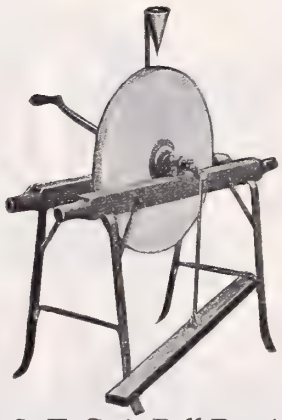
6-ft.	$8 00	10-ft.	$11 00
8-ft.	10 00	12-ft.	15 50

Mica Axle Grease

This is the highest quality of Axle Grease and contains ground mica, which forms a coating on the axle and makes a perfectly smooth surface. After this surface is formed you need use only half as much Mica as of any other Axle Grease.

Tin box	$0 15	10-lb. pail	$1 25
3-lb. pail	40	25-lb. pail	2 75

GRINDERS AND GRINDSTONES



G. & T. Co.'s Ball-Bearing Grindstone

This Grindstone has a combination steel and hardwood frame, carefully selected Berea grit stone and ball-bearing steel journals and axles. Stones usually furnished vary in thickness from 1¾ to 2¼ inches. Weight of frame and fixtures only, 32 pounds. Shipped knocked down.

No. 1. Stone weighs 90 to 110 lbs.... $10 00
No. 2. Stone weighs 70 to 80 lbs..... 9 00
No. 3. Stone weighs 40 to 50 lbs..... 8 25

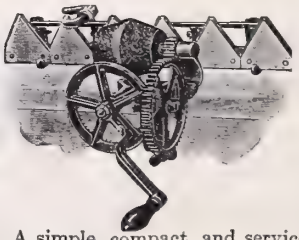
Gritco Ball-Bearing Grindstone

One of the strongest built and practically indestructible $9 35
Harvest King, for power 13 50

Loose Grindstones

We carry a full line of loose Stones

40 to 200-lb. Stones, 5 cts. per lb.; under 40 lbs., 5½ cts. per lb.; over 200 lbs., 6 cts. per lb.



Sickle and Tool-Grinder

A simple, compact, and serviceable hand-power Sickle and Tool-grinder. Can be clamped either to a mower wheel or to a bench. The tool wheel is 4¼ x 1½ inches.

No. 83. With Bevel and Flat Tool Wheel. $7 00
No. 82. With Bevel Wheel 6 00
Bevel Wheel as an extra 1 40

Loose Grindstones

PUMPS AND ACCESSORIES

Hoosier Well Pumps

8553 73974 7994 79041

Fig. 79041. Hoosier Open-top Hand-lift Pump. Wrought set length. It has large cast head, swivel bearer top, long handle, and is adjustable. The standard or barrel is made of 1½-inch pipe and has the anti-freezing feature. It has a 3-inch iron cylinder ..... **$9 each**

Fig. 7994. Hoosier Hand Force Pump. Wrought set length, swivel bearer top, polished steel piston rod, brass stuffing box, compression cock spout and back inlet. Standard is tapped for pipe just below spout, and with the usual drip-hole directly above cylinder makes the pump anti-freezing. Fitted with 3-inch brass-lined cylinder ..... **$14.50 each**

Fig. 73974. Hoosier Windmill Force Pump. Wrought set length; anti-freezing; has detachable polished piston-rod, brass stuffing box, swivel bearer top, back outlet and detachable compression cock spout. The bearer top has removable guide bushing to prevent pump rod wearing directly on bearer guide. 3-inch brass-lined cylinder; 6-inch stroke. Weighs 81 lbs..... **$18.50 ea.**

Fig. 8553. Hoosier Windmill Underground Force Pump. Double acting; with wrought set length; anti-freezing. The Pump has brass upper cylinder, positive three-way cock with union connection, adjustable platform base, fitted with 1-inch goose-neck spout, and 1-inch three-way discharge. By removing upper cylinder and cap, the plunger valve can be withdrawn without disturbing the Pump. Suitable for well from 25 to 125 feet in depth. Without Cylinder ..... **$20.90 each**

Additional for Fitting Pumps

We give below a table of the additional charge for fitting, and the amount stated in table is to be added to the price of the Pump selected. In fitting Pumps we use galvanized pipe and pump-rod, and a strainer foot valve.

Prices subject to change without notice

We use an extra-good foot valve

Depth of Well	With 1¼-in. Pipe for 2½- and 3-in. Cylinder Pumps	Depth of Well	With 1¼-in. Pipe for 2½- and 3-in. Cylinder Pumps
10 feet	$3 55	34 feet	$10 00
12 feet	4 00	36 feet	10 60
14 feet	4 40	38 feet	11 10
16 feet	4 85	40 feet	11 70
18 feet	5 30	42 feet	12 25
20 feet	5 75	44 feet	12 75
22 feet	6 20	46 feet	13 30
24 feet	7 30	48 feet	13 85
26 feet	7 80	50 feet	14 40
28 feet	8 36	Each additional foot.	27
30 feet	8 90		
32 feet	9 50		

Closed-Top Pitcher Spout Pump

No. 2. Cylinder, 3-in. diam.; Suction, 1¼-in. diam. Polished Iron Cylinder. **$2 each**

No. 3. Cylinder, 3½-in. diam.; Suction, 1¼-in. diam. Polished Iron Cylinder ..... **$2.50 each**

No. 2. Brass Lined **$3.75**

No. 3. Brass Lined **$4.00**

No. 2. Plunger .. **60 cts.**

No. 3. Plunger .. **70 cts.**

Brass Jacket Drive Well Points

	Diam. of pipe	Length	Each
No. 98	1¼ in.	36 in.	$3 00
No. 102	1¼ in.	48 in.	4 00
No. 144	1½ in.	36 in.	4 00
No. 148	1½ in.	48 in.	5 00

Malleable Drive Caps. Hexagon-shaped, for 1¼- or 1½-in. pipe ..... **50 cts. each**

Pump Leathers

Our Pump Leathers are cut from the best grade of selected oak tan leather. We offer only such leathers as we can recommend as being absolutely high grade.

Crimped Plunger or Cup Leathers

	Each		Each
1 -in.	$0 08	3¼-in.	$0 22
1¼-in.	08	3½-in.	25
1½-in.	10	3¾-in.	31
1¾-in.	10	4 -in.	35
2 -in.	11	4¼-in.	38
2¼-in.	12	4½-in.	40
2½-in.	15	4¾-in.	45
2¾-in.	18	5 -in.	50
3 -in.	19		

Plunger and Lower Valve Leathers

Outside Diam.	Cylinder Diam.	Each
2 in.	1½ in.	$0 10
2¼ in.	1¾ in.	10
2½ in.	2 in.	11
2¾ in.	2¼ in.	12
3 in.	2½ in.	13
3¼ in.	2¾ in.	15
3½ in.	3 in.	16
3¾ in.	3¼ in.	17
4 in.	3½ in.	20
4½ in.	3¾ in.	25
5 in.	4 in.	30

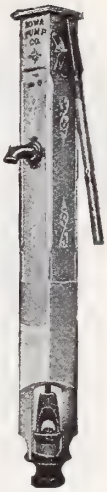
Galvanized Foot Valves

¾-in.	$1 00
1 -in.	1 00
1¼-in.	1 25
1½-in.	1 80

Baltimore Wood Pumps

PRICES OF PUMPS FITTED COMPLETE

With and without Porcelain Cylinder



Depth of well	6x6-in. Unlined	6x6-in. Lined	7x7-in. Lined
10 ft.	$11 55	$14 05	$16 55
12 ft.	12 15	14 65	17 15
14 ft.	12 75	15 25	17 75
16 ft.	13 80	16 50	18 90
18 ft.	15 50	18 15	20 50
20 ft.	16 20	18 80	21 20
23 ft.		20 70	23 70
25 ft.		21 35	24 35
28 ft.		24 70	26 25
30 ft.		25 90	28 18
33 ft.		28 90	31 15
35 ft.		30 90	33 15
40 ft.		35 90	38 15
45 ft.		40 90	43 15
50 ft.		45 90	48 15

Baltimore Wood Pumps

NOT FITTED

No. 0. STOCK PUMPS. 7 x 7 in.; 4-in. Bore

Length	Porcelain lined
6 ft.	$13 50
7 ft.	14 50
8 ft.	15 50
10 ft.	17 50
6 ft., reamed for 6 x 6-in. Extension Pipe; unlined	10 75

No. 1 Favorite House Pump

6 x 6 in.; 3½-in. Bore

Length	Porcelain lined
6 ft.	$11 00
7 ft.	11 75
8 ft.	12 50
10 ft.	14 50
12 ft.	16 50
6 ft., reamed for 6 x 6-in. Extension Pipe; unlined	8 50

Pump for Drive Wells

To fit 1¼- or 1½-inch iron pipe

Special No. 1 House. 5 ft. Wood, Porcelain-lined Cylinder, entire length 6 ft. **$11.**

Tubing and Miscellaneous

Tubing, 4 x 4 in., 12 ft. long and under, **30 cts. per ft.**; over 12 ft., **32 cts. per ft.**

Extension Tubing, 6 x 6 in., **80 cts. per ft.**

Cylinder Block, Porcelain-lined, 3 ft. long, **$4.90**; 4 ft. long, **$5.70**; 5 ft. long, **$6.50**; 6 ft. long, **$7.30**; 7 ft. long, **$8.10**; 8 ft. long, **$8.90.**

Couplings, 6 x 6 in., for 4x4-in. Tubing, **$1.**

No. 00 Buckets, 5 in., **$1.50**; No. 0, 4-in., **$1.25**; No. 1, 3½-in., **$1**; No. 2, 3-in., **80 cts.**

Handle. Any size ..... **50 cts. each**

Handle Links or **Knuckles** ... **40 cts. each**

Check Valves ..... **15 cts. each**

Iron Connection for Drive Wells, fitted for 1¼- or 1½-in. iron pipe ..... **$1.50 each**

Extra Iron Spout, with loose collar ..... **50 cts. each**

Extra Wood Spouts ..... **30 cts. each**

Extra Spout Braces ..... **35 cts. each**

Extra Bands ..... **10 cts. each**

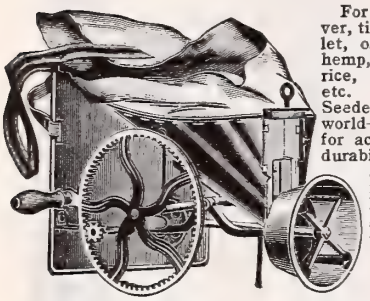
Extra Ears or **Brackets,** Nos. 35 and 36... **50 cts. per pair**

Rod Couplings, 1-in. ..... **60 cts. per pair**

Plunger Rod ..... **4 cts. per ft.**

SEED SOWERS, SEEDERS, and PLANTERS

Cahoon's Broadcast Seed Sower



For sowing clover, timothy, millet, oats, wheat, hemp, barley, rye, rice, buckwheat, etc. Standard Seeder of the world—a model for accuracy and durability. Malleable iron frame; steel hopper and gate; brass discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and rye, 30 to 36 ft.; oats, 21 to 25 ft.; barley, 27 to 33 ft.; clover, millet, Hungarian seed, 20 to 24 ft.; hemp, 27 to 30 ft.; timothy, 15 to 18 ft.

Weight, 8 lbs.....**$5.00 each**

The Original Cyclone Improved

To anyone desiring a convenient, practical, and all-round first-class grain and grass seeder, that will meet the most exacting demands, we cannot recommend the Cyclone too highly. Weight, 6 lbs.....**$2.50**

Lightning Horn-Type Seed Sower

Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method of hand-sowing. Weight, 1 lb.....**$1.00 each**

For a Beautiful Lawn...

G. & T. CO.'S
IMPERIAL

Turf Mixture

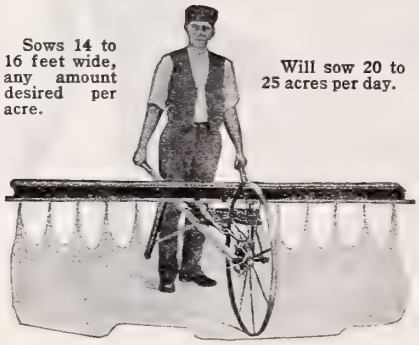
See Inside Front Cover

Finest Quality

Field Seeds

See page 40

Thompson's Clover and Grass Seeder



Sows 14 to 16 feet wide, any amount desired per acre.

Will sow 20 to 25 acres per day.

This Grass Seeder is simple, without gearing, cams, or intricate machinery. It cannot get out of order.

Perfection feed is attained in making it absolutely positive, yet a non-leaking carrier, when thrown out of connection. The quantity of seed to the acre is shown by index plate.

Rope Feed Seeder

It is strong, yet weighs but 40 pounds.

No. 1. 14-ft., single hopper.....**$14 40**
16-ft., single hopper..... **15 20**

No. 5. Complete Seeder, with Double Hopper. Sows red-top, orchard grass, blue grass, lawn grass, as well as clover. 14-ft. **$16.00 each**

Thompson's Royal Clover and Grass Seeder

These Seeders are similar to the Thompson above, except that they have Chain Feed.

No. 11. 14-ft., single hopper....**$14.40 each**
16-ft., single hopper.....**$15.20 each**

No. 12. 14-ft., double hopper ..**$16.00 each**

No. 10. 10-ft., double hopper. Universal Seeder for all grass seeds, grain, cowpeas and soybeans.....**$18.00 each**

Thompson's Golf Special Seeder

Golf greens, fairways, and lawns must be seeded evenly to produce the desired uniform turf.

These Seeders are used on America's leading golf courses and private estates because they are speedy, accurate, and economical. Wind or mud do not interfere with their accurate work because they sow close to the ground and cannot clog.

No. 106. 10-ft. hopper. Wt., 60 lbs. **$26.00.**

To be sure of a successful garden, use only the finest seeds. Griffith & Turner Co. have helped make successful gardens for 77 years!

Renowned Star Clover and Grass Seeder

Has a V-shaped box with thin metal bottom. Feed-rod is flat steel, twisted like an augur-bit. Positive feed as shown on index plate. Sows timothy, clover, etc.

14-ft.....**$14 40**
16-ft..... **15 20**

Gritco Hand Corn Planter

Chinese bristle brush cut-off. Slide quickly adjusted for different sized seeds. Galvanized iron hopper.....**$2.25 each**

American Rotary No. 41 Corn Planter

Has Rotary Slide, a motion two ways—back and forth. **$2.50 each**

Masters Rapid Plant Setter

Sets all kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc. The only Hand Mechanical Plant Setter on the market. Built on scientific principles throughout. Its conical jaws are made of heavy sheet steel and the main body or water reservoir and plant tube of heavy tinned plate. The water-valve is of brass with rubber packing. The valve-rod and trip spring are of steel wire; thumb button and other fittings are also of brass. The machine is well put together with rivets and solder and should last for years.... **$5.00 each**

Mower Poles

Made of Fir. Will interchange with McCormick, Deering, and other mowers using poles of this size. 3 x 5 x 13 ft.; natural. **$3.50**

Solid Copper Rivets and Burrs

Each of following sizes in ¼-lb. packages:

No. 9. Lengths, ⅝ in., ¾ in., ⅞ in., 1 in. **60 cts. per lb.**

No. 10. Lengths, ⅝ in., ¾ in., ⅞ in., 1 in. **60 cts. per lb.**

GOOD SPRAYERS
Are Necessary to Insure Good Crops
Make your selection from our complete line

Planet Jr. Horse Hoes and Cultivators

It is an unquestioned fact that Planet Jr. horse-drawn cultivating implements are more universally known, and bear a higher reputation for quality, than any other cultivating machines ever made.

Planet Jr. Cultivator

Planet Jr. Plain Cultivator. Four 3 x 8-in. Cultivator Shares. One 4 x 8-in. Cultivator Share.

No. 4. With Steel Wheel.....$10 25
No. 4D. Cultivator without Wheel.. 8 75
No. 9. With Lever and Wheel..... 12 50
No. 9D. With Lever, no Wheel..... 11 00

Planet Jr. Horse Hoe

Cut shows No. 8

Planet Jr. Horse Hoe Equipment: Four 3 x 8-in. Steels, one 4 x 8-in. Steel, one pair 6-in. Hillers, one 7-in. Shovel, and Lever Expander.

No. 9. With Steel Wheel.....$14 50
No. 9D. Less Steel Wheel..... 13 00
No. 8. With Wheel and Lever Wheel. 16 75
Vineturner extra..... 3 00
Roller extra..... 4 50
Steel Wheel as an extra..... 2 00

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator, and Pulverizer

No. 90. Complete as shown. $15.50

No. 90B. Less Pulverizer.....$14 00
No. 90D. Less Pulverizer and Wheel. 11 50

Planet Jr. Cultivator

Light Weight

No. 100D. Light-weight Cultivator, no Wheel.....$8 00
No. 101. Light-weight Cultivator, with Lever and Wheel.....10 75
No. 101D. Light-weight Cultivator, with Lever, no Wheel..... 9 50

No. 220 Planet Jr.

Saves Time, Labor—
Produces Bigger Crops

It will distribute 100 to 2,000 pounds of commercial fertilizer to the acre. The shut-off rod is operated without stopping the distributor.....$29.50 each

8-inch Steels Fit Planet Jr. Horse Hoes, Plain Cultivators, and No. 72 Pivot Wheel Cultivators.

No. 4064. 1 x 8-in. Steels.....$0 18
No. 1156. 1¼ x 8-in. Steels..... 19
No. 2367. 1¾ x 8-in. Steels..... 20
No. 2368. 2¼ x 8-in. Steels..... 21
No. 2369. 3 x 8-in. Steels..... 23
No. 2370. 4 x 8-in. Steels..... 30

10-inch Steels Fit All Planet Jr. Two-Horse Cultivators Excepting No. 72.

No. 1888. 1¼ x 10-in. Steels.....$0 22
No. 1249. 1¾ x 10-in. Steels..... 23
No. 1199. 2¼ x 10-in. Steels..... 24
No. 1200. 3 x 10-in. Steels..... 28
No. 1201. 4 x 10-in. Steels..... 35

Shovel Steels Fit All Planet Jr. One- and Two-Horse Cultivators.

No. 2539. 7-in. Shovel Steel....45 cts. each
No. 2540. 8-in. Shovel Steel....50 cts. each
No. 1167–8. 6-in. Hillers.....$1.40 per pair
No. 495–6. 7-in. Plows.....$1.65 per pair

Fire Fly Steels (Planet Jr.)

No. 4639. 1 x 8 in.....$0 14
No. 4640. 1¼ x 8 in..... 15
No. 4641. 1¾ x 8 in..... 16
No. 4638. 2 x 8 in..... 17
No. 4642. 2¼ x 8 in..... 18
No. 4643. 3 x 8 in..... 19
No. 4644. 4 x 8 in..... 21

Planet Jr. Bolts. 1¾-in.....4 cts. each
2½-in.....5 cts. each
3-in.....5 cts. each

Visit our Retail Store where you will see the items you want on display and where advice and suggestions are cheerfully given.

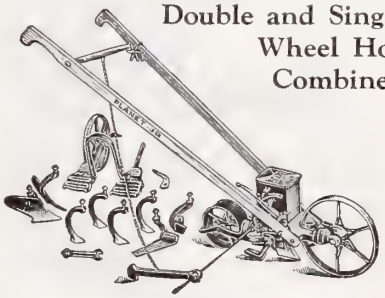
Planet Jr. Combined Seeder and Single Wheel Hoe No. 4

The No. 4 Seeder and Wheel Hoe is the most useful combination available for the home or market gardener. Sows all vegetable seeds in the drill or drops in hills 4, 6, 8, 12, or 24 inches apart. Fine assortment of cultivating attachments take care of all garden work.

Capacity of seed hopper, 2½ quarts. Quickly changed from hill to drill seeder and from seeder to wheel hoe.

No. 4 Hill and Drill Seeder and Single Wheel Hoe Combined...$19 50
No. 4-D Seeder only..... 15 50

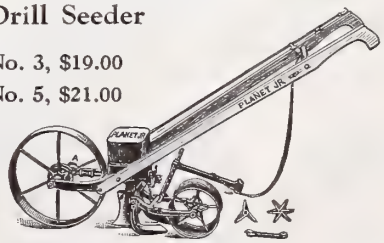
No. 25 Hill and Drill Seeder Double and Single Wheel Hoe Combined



The "Complete Gardener." Sows all vegetable seed in the drill and drops in hills 2, 6, 8, 12, and 24 inches apart. As a Double Wheel Hoe it straddles the row, cultivating both sides at one time until the plants are 20 inches high. Cultivating attachments consist of 1 pair of Plows, 1 pair of 6-inch Hoes, 4 Steel Cultivator Teeth and a pair of Leaf-Lifters.....$23.50 each

Nos. 3 and 5 Planet Jr. Hill and Drill Seeder

No. 3, $19.00
No. 5, $21.00



These Seeders are undoubtedly the most favored by market gardeners and other large commercial growers. They are identical in operation and construction, the only difference being that the No. 3 has a 15-inch drive-wheel and holds 3 quarts of seed, while the No. 5 has a 16½-inch drive-wheel and holds 5 quarts of seed.

GARDEN TOOLS AND CULTIVATORS

No. 300 Planet Jr. Drill Seeder

There has always been a demand for a quality Seeder which will sow through holes in a plate rather than through a variable diamond-shaped opening.

The seed is pushed through a hole in the plate by a patented feed wheel of a new type, assuring accurate seeding.

Capacity, 4 quarts $21.00

No. 19 Garden Plow and Cultivator

Equipment: One 2-in. Cultivating Tooth; one 10-in. Sweep; one Plow. Packed weight, 18 lbs. Has 15-in. Steel Wheel $5.00

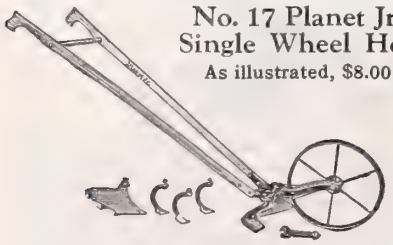
No. 12 Planet Jr. Single and Double Wheel Hoe

The most popular combination of Double and Single Wheel Hoe for the market and home gardener in use today. The assortment of cultivating attachments consists of one pair of Plows, one pair of 6-inch Hoes, four Steel Cultivator Teeth, and one pair of Leaf-Lifters. Cultivates both sides at one time. $11.50

No. 11. With 4½-inch Hoes and four Rakes. $14.50

No. 17 Planet Jr. Single Wheel Hoe

As illustrated, $8.00



No. 16. With Rakes and Leaf-guard .. $9 00
No. 18. With two 6-in. Hoes only 6 00

Fire Fly Garden Plow

This is an exceedingly useful tool to owners of small gardens. It will throw a furrow 4 to 6 inches wide and 1 to 3 inches deep. $4.50

No. 119 Planet Jr. Garden Plow and Cultivator

No. 119 has a very strong wheel, 24 inches in diameter, with $\frac{3}{16}$ x $\frac{3}{8}$-inch steel spokes.

Equipment: One 1¼-inch Cultivating Tooth; one 4-inch Cultivating Tooth; one Plow; one Reversible Scuffle Blade $4.00

Furnished with Norcross 5-tooth Weeder Attachment in place of Scuffle Blade as 119W $4.50

"Oriole" Garden Plow

No. 1. Complete as shown $3.40
No. 2. With 5-tooth Weeder attached instead of Scuffle Blade $3.60

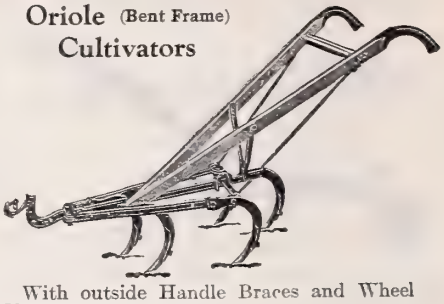
Planet Jr. Five-Tooth Weeder Attachment

Can be attached to any of the garden plows .. **$1.10 each**
Regular 5-tooth Attachment ..... **80 cts. each**

Shovel Plows

Farmers' Favorite. Single-shovel Plow, $5; Double-shovel Plow, $5.50.
Regular Triple-shovel Plow $7.25

Old Dominion (Straight Frame) Oriole (Bent Frame) Cultivators

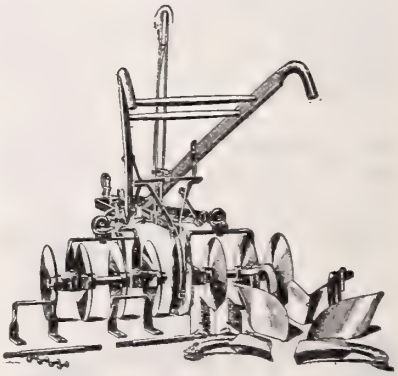


With outside Handle Braces and Wheel Clamp.
Cultivator, plain..... $6 00
Cultivator with Lever..... 7 00
Wheels for Cultivators 90

Combined Harrow and Cultivator

14-tooth, with outside Handle Braces and Wheel Clamp, without Lever $7 60
With Lever 8 50

Frank Beasley's Patent Disc Attachments



If you have a good 5-tooth cultivator, you can secure these parts to attach to same and make your old cultivator as up-to-date as it would be possible to have it. These Disc Attachments come in gangs of either six or eight discs or can be had in combination of six and eight discs.

These disc gangs are sometimes used on fertilizer distributors with fine results. To fit any 5-tooth cultivator.

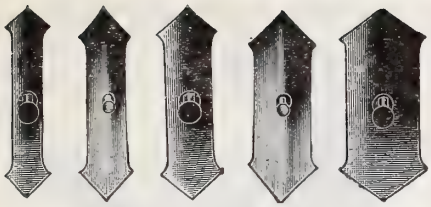
Six-Disc Attachment. Weight, 43 lbs.. $9.00
Eight-Disc Attachment.
Weight, 53 lbs..... $11.00
Combination 6- and 8-Disc Attachment. $13.
Disc Cultivator complete, 8-disc and standards for 5-tooth and wheel..... $26.00

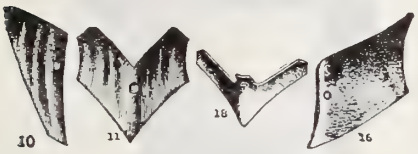
Handles

Handles, Cultivator. Complete. Per pair, $1.50

Single, Double or Triple Shovel Plows. Complete with Round and Rod. Per set..... $1.50

Cultivator Steels and Machinery Parts





Walking Cultivator Steels

	Per 100
No. 0. 1¼ x 8 in.	$13 50
No. 1. 2 x 8 in.	16 00
No. 89. 2½ x 8 in.	17 00
No. 82. 3 x 8 in.	18 00
No. 83. 3½ x 8 in.	20 50
No. 84. 4 x 8 in.	23 50
No. 10. Turn Shovel	29 00
No. 16. Turn Shovel	29 00
No. 11. 6-in. Sweep	38 00
No. 11. 8-in. Sweep	45 00
	Each
No 12. Horse-Hoe, Steel	$0 75
No. 18. 6-in. Sweep	35
No. 18. 8-in. Sweep	40
No. 18. 10-in. Sweep	45
No. 18. 12-in. Sweep	50
No. 18. 15-in. Sweep	55
Wheels for Cultivator	90

Clamps for same.

Plate Bolts, 1½-in., **$1.90 per 100; 2-in., $2.00 per 100; 2½-in., $2.10 per 100.**

Wheel Cultivator Clamps. **50 cts.**

Teeth for Baltimore Combined Harrow. **12 cts.**

Riding Cultivator Steels

	Each		Each
1¼ x 10 in.	$0 18	3 x 10 in.	$0 23
1½ x 10 in.	19	3½ x 10 in.	26
2 x 10 in.	21	4 x 10 in.	30
2½ x 10 in.	22		

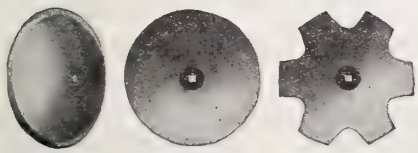
Shovel Plow Steels

FF Triple Shovel Steels, sizes 4 x 7, 4½ x 7, 5 x 8, 5½ x 8 ..... **15 cts. per lb.**

FF Double Shovel Steels, sizes, 5 x 10, 6 x 10, 7 x 10, 8 x 10 ..... **14 cts. per lb.**

FF Single Shovel Blades, all sizes ..... **14 cts. per lb.**

Harrow Discs



Front and Back Regular Harrow Discs Cutaway Harrow Disc

Harrow Discs.

16-in.	$1 10
18-in.	1 50

Clark Cutaway Discs.

16-in. Horse-drawn	1 70
18-in. Horse-drawn	2 10
24-in. Bush and Bog	5 50

Furnished 11/16- and 13/16-in. square hole.

Spring Harrow Teeth

For all leading Harrows ..... **50 cts.**

Machinery Bushings

No. 200. Assortment in sizes from ⅝ to 2¼ inches. Weight, 5 lbs. per box **$2.50**

Bushings in Bulk (14-gauge)

	Per 100		Per 100
¾-in.	$1 00	1½-in.	$2 00
1-in.	1 25	2-in.	4 00
1¼-in.	1 50		

Shoe Soles for Mowers

Adriance

3099D. Inner, Nos. 7 and 8	$1 20
3073J. Outer, Nos. 7 and 8	60

Champion

H381. Inner Draw-cut	95
H483. Outer Draw-cut	85
A6207. Inner, Improved Mower	85
A5847. Outer, Improved Mower	75

Deere-Dain

Z5379. Inner, Dain	90
Z5231. Outer, Dain-Deere	60
Z6058. Inner, Deere	90

Deering

D2510. New Ideal, Inner (D3501)	90
D2937. New Ideal, Outer	60

Emerson

M95S. Inner	1 00
M173½S. Outer (0-10959), with Bracket	70

Johnston

63FC. Outer, with Bracket	1 00
1812. Inner, Nos. 9, 12, and 14	80
2323. Inner, No. 12	90
63FD. Outer, No. 14	1 00

McCormick

M465. Inner, New 4-1896-11	90
MB465. Inner, New 4-1912	1 00
MA259. Outer, New 4	60

McCormick-Deering

MB465. Inner	1 00
MA259. Outer	60

Massey-Harris

M2216. Outer, Nos. 20 and 21, plain	55
M2217. Outer, Nos. 20 and 21, with Bracket	1 00
M2276. Inner, Nos. 20 and 21	90
130X. Inner, No. 11	85
L1065. Inner, No. 22	90
M2898. Outer, No. 22, with Bracket	1 00

Milwaukee

PJ108. Inner	90
PJ278. Outer	70

Osborne

7010. Inner	1 00
10959. Outer	65

Thomas

1041. Outer	60
1096. Inner	1 00
1107. Inner (New Mower)	75

Link Chain Belting

For use on mowers, reapers, binders, corn and wheat drills, corn shellers, feed cutters, straw stackers, traction engines, etc.

	Links per ft.	Av. Ult. strength	Price per ft. all plain links	Price per link
No. 25	13.3	700 lbs.	$0 17	$0 03
No. 32	10.4	1100 lbs.	17	03
No. 33	8.6	1190 lbs.	16	03
No. 34	8.6	1300 lbs.	18	03
No. 35	7.4	1200 lbs.	20	03
No. 42	8.75	1500 lbs.	19	04
No. 45	7.4	1600 lbs.	18	03
No. 48	6.0	1660 lbs.	23	04
No. 50	8.7	1900 lbs.	22	05
No. 51	10.4	1900 lbs.	24	06
No. 52	8.0	2300 lbs.	23	05
No. 52½	7.9	2866 lbs.	32	06
No. 55	7.4	2200 lbs.	20	05
No. 62	7.25	3100 lbs.	27	06
No. 65	5.66	2460 lbs.	30	08
No. 72	5.9	4240 lbs.	45	08
No. 72½	7.25	4590 lbs.	55	09
No. 76½	5.8	3890 lbs.	42	09
No. 77	5.2	3600 lbs.	35	09

Attachment Links and Steel Links also furnished.

Harrow Shoes

Made of ⅜-inch stock complete with Bolts.

To Fit

International. 2 section	$3 94
3 section	5 77
Massey-Harris, No. 15. 2 section	3 30
No. 15. 3 section	4 65
Oliver. 2 section	4 80
3 section	6 75
Syracuse. 2 section	3 42
3 section	5 19
Osborne. 2 section, ¼-inch stock	2 70
3 section, ¼-inch stock	3 97

Corn Planter Runners

In ordering Planter Runners, always state, as near as possible, the year Planter was made; whether steel or wood frame; or, better still, a diagram showing position of hole and size of bend.

Single-Row Planters

	Pair
Empire	$2 40
Hench & Dromgold Daisy	3 00
Hoosier	2 40
Case, Farmers' Friend	2 40
Black Hawk	2 40
Avery, No. 27	3 00

For Double-Row Planters

	Pair
Janesville, Nos. 1, 5, 7, and 8	$5 40
Black Hawk, Nos. 1, 3, 4. and 5	4 80
Black Hawk, No. 15, with Block	5 40
Deere, No. 9	4 80
Deere, No. 99, with Blocks	5 40
New Way	5 40
International, with Block	5 40
J. I. Case, No. P344	4 80
Superior	4 80
Superior, with Block	5 40
Hoosier, Nos. 10 and 11	5 40
	Each
Tiger Transplanter, Shallow	$4 50
Tiger Transplanter, Deep	5 00
Case Transplanter	5 00

Rivets. 15 cts. per lb.

All of our Repair Parts are made accurately and they are guaranteed to fit. Write for any parts we do not list

SAWS, HOG SCALDER AND FEED COOKERS

Celebrated Cross-Cut Saws

Narrow American

5-ft.	$2 10
5½-ft.	2 30
6-ft.	2 50

Narrow Champion

5-ft.	$1 85
5½-ft.	2 00
6-ft.	2 20

Wide Back Saws

Wide American Tooth

5-ft.	$3 30
5½-ft.	3 60
6-ft.	4 00

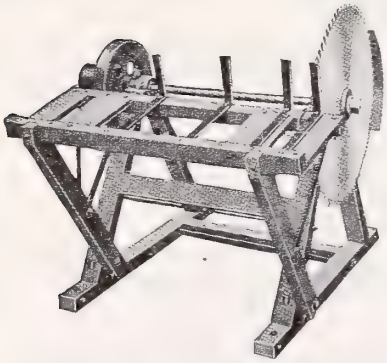
Champion Tooth

5-ft.	$2 90
5½-ft.	3 15
6-ft.	3 40

Price of Cross-Cut Saw is without Handle. Climax Handles, 40 cts. per pair

One Man Cross-Cut Saw

Champion. 3 ft., **$2.40**; 3½ ft., **$2.75**; 4 ft., **$3.10**



No. 700, with Tilting Table

Built specially for sawing poles and cord-wood with ease and in fastest time. Mandrel of finest cold rolled steel, 1 7/16-in. diameter, 49 in. long—fitted for saw with 1⅜-in. hole. Fly-wheel is accurately machined and carefully balanced, 10½ in. diameter. Weight, 65 pounds. Standard pulley, size 6 x 6 in. Special self-aligning bearings lubricated with hard oilers, securely bolted together.

Complete shipping weight, 250 lbs.

Without Saw Blade	$25 75
With 22-in. Saw	29 50
With 24-in. Saw	30 25
With 26-in. Saw	30 90
With 28-in. Saw	31 75
With 30-in. Saw	32 50

Saw Mandrels

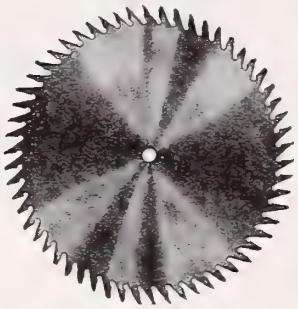
Price, $12

No. 2. Made from finest cold rolled steel, 1 7/16 inches in diameter, 49 inches long. Furnished with 50-lb. fly wheel, 6 x 6-inch pulley, and is turned for saw with 1⅜-inch hole.

Good Sprayers

Are Necessary to Insure Good Crops!

See page 52



Gritco Circular Saws

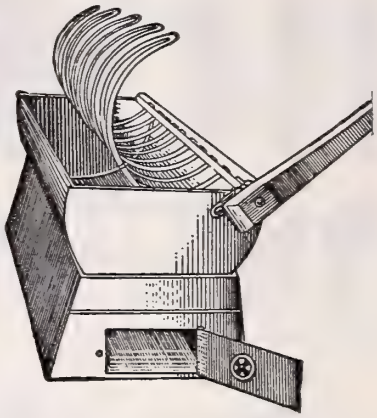
Each blade is given a tough, even temper and perfect tension, all of which is essential to the successful running of the Saw. The workmanship of these blades is unequaled. The prices given are for Saws sharpened and set. All blades with 1⅜-inch hole.

22-in., 12-gauge	$3 75
24-in., 11-gauge	4 50
26-in., 11-gauge	5 15
28-in., 10-gauge	6 00
30-in., 10-gauge	6 75

Iron Kettles with Bails

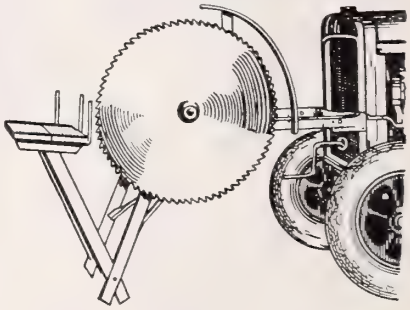
No. 1551. Capacity 7½ gals.	$3 50
No. 1552. Capacity 10 gals.	5 50
No. 1553. Capacity 13 gals.	6 50
No. 1555. Capacity 20¼ gals.	8 50
No. 1556. Capacity 24 gals.	10 25

Steel Hog Scalder and Cooker



Plain Scalder, 6 x 2½ x 1½ ft. deep.	**$25 each**
Fire-box, with 5-inch pipe-hole	**$15 each**
Dumping-rack with Lever	**$15 each**
Scalder, complete	**$55 each**

Weight, 440 lbs.



Tractor Sawing Outfits to Fit Fordson, Farmall, or McCormick-Deering Tractors

SPECIFICATIONS:

Mandrel: Cold rolled steel shafting, 36 inches long, 1 7/16-inch diameter, with arbor machined for saws having 1⅜-inch hole. The mandrel washers are large and accurately machined.

Bearings: Ball and socket type; self-aligning; can be adjusted to take up wear.

Pulley: Eight inches in diameter with 6-inch crown face. This pulley was designed especially for use with our Fordson Saw Attachments.

Price, including Belt and 30-inch Saw Blade, **$40**

G. & T. Boiler and Feed Cooker

	Unusual Rating	Actual Capacity	Diam. of Furnace	Shipping Wt.	Furnace with Kettle	Furnaces only	Scalding Kettles only
No. 3	30 gals.	24¼ gals.	26 in.	160 lbs.	$23 00	$11 50	$13 00
No. 4	35 gals.	30 gals.	28½ in.	190 lbs.	26 00	12 25	15 00
No. 5	40 gals.	37 gals.	29½ in.	200 lbs.	30 00	13 00	18 00
No. 6	50 gals.	45 gals.	31½ in.	258 lbs.	34 00	13 75	22 00
No. 7	55 gals.	52 gals.	32 in.	280 lbs.	36 50	15 00	24 50

We always ship Furnaces without firepot for coal unless otherwise specified. For wood fuel no firepot or grate is required, but for coal it is necessary to use firepot. **Firepot, $7.85. Grate, $1.25,** f.o.b. factory.

Mower and Binder Extras to Fit Leading Machines

PARTS FOR OLDER MACHINES CAN ALSO BE SUPPLIED

By following the name of machine across the page, you can find correct number of part wanted.
When ordering Mower Knives and Sickles, always state number of Knife-Head, and how many cutting sections on Knife.

NAME OF MOWER	No. of Knife-Head	Section	No. of Guard	No. of Guard Plate	No. of Pitman	No. of Pitman Box	PRICE PITMAN BOX
Adriance (Buckeye)	557F	745	3087H	716½C	3032H	61K	$0.80
Champion, New Draw Cut (1905–12)	A870	MA333	A881	H253	Steel	B683½	1.60
Champion, Imp. and V. L. (1909 and since)	A5792	MB333	AA881	H253	Steel	A1133	1.60
Deere-Dain Mower (1895–1919)	Z45	Z5059	Z1	Z5110	Z5076	Z205	.80
Deere Mowers (1923 and since)	Z502	Z5571	Z463H	Z5062	Z5661	Z513	.80
Deering, Ideal, Steel Pitman	F123	D1140	D442	D1043	Steel	D334	1.00
Deering, Ideal, Wood Pitman	D463	D1140	D698	D1739	D2907	G191	.65
Emerson, Standard (1900 and since)	M203	M193S	M614	M301S	Z397	M517	.80
Johnston (1909 and since)	2211	920	1811	912	2228C	2207C	.65
Massey-Harris, No. 11, one-horse	919	920	1811	912	304X	256	.70
Massey-Harris, Nos. 20, 21, and 22	M902	M2492	M803	M2494	M5176	M800½	.70
McCormick (1888–1909)	M139	MA333	M462	M219½	M392	M317	.65
McCormick (1910 and since)	M139	MB333	MD989	MA990	M392	MD317	.65
McCormick-Deering (1923 and since)	MA139	MB333	MD989	MA990	M392	MD317	.65
Milwaukee, Chain-drive	PG6	PG155	PK5S	P201S	PV290	PJ50	.60
Moline-Adriance	557F	745	3087H	716½C	3032H	61K	.80
Osborne, Columbia (1902–1905)	K284	K223	K514	5401	Steel	K826	.80
Osborne, Nos. 1, 2, and 3 (1905 and since)	K774	5406	KC790	11565	J9439½	KA1158	.80
Thomas-Crown (1888–1923)	6	1077	03	1046	1069	25	.70
Thomas-New Crown (1924 and since)	CM402	1077	CM3	1238	1245	25	.70
Wood-Admiral (1907–1914)	2862	3410	L	9571	8965	2941	1.20
Wood, Vertical Lift (1925 and since)	K366	3410	L	9571	K3434	AK367	1.20

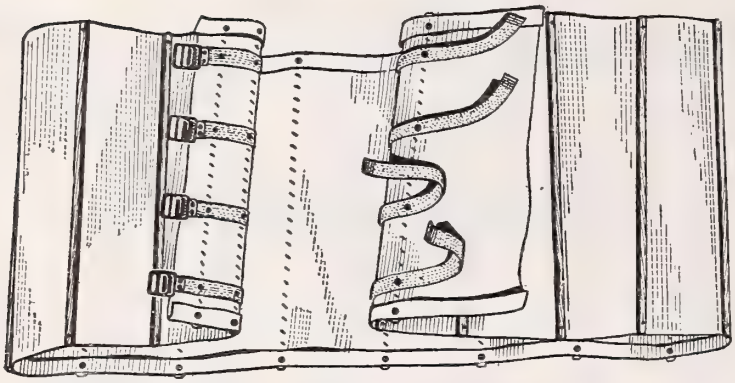
NAME OF BINDER	No. of Knife-Head	Section	No. of Guard	No. of Guard Plate	No. of Pitman
Adriance No. 7 (1915 and since)	JA102	A84	2090	716½A	J1230
Champion, Improved (1909 and since)	2564	G241	3025	G167	Steel
Deere (1914 and since)	HZ493	HZ5186	HZ147	HZ5183	HZ9140
Deering, Ideal (1898 and since)	H877	E1328	286	E1330	H1255
Massey-Harris (1915 and since)	S213	336A	S220	D157	S1032
Milwaukee No. 12 (1907 and since)	SN342	SL877	SN37	SM681	SN844
Moline (1915 and since)	JA102	A84	2090	716½A	J1230
McCormick (1911 and since)	B756	762	HA495	H507	B763
McCormick-Deering	BA756	762	HA495	H507	BA763
Osborne (1915 and since)	C1044	11259	C752	11601	J9048
Wood, New Century (1917 and since)	H2139	7268	H2620	H2620	

Complete Knives. 4½ ft.	$2 50	Sections. Box of 25	$1 50	Wood Mower, Pitman's (Massey-Harris)	$3 25
Complete Knives. 5 ft.	2 75	Sections. Each	08	Wood Mower, Pitman's, all others	1 75
Complete Knives. 6 ft.	3 00	Rivets. Pound	15	Wood Binder, Pitman's (McCormick)	90
Complete Knives. 7 ft.	3 25	Mower Guards	30	Wood Binder, Pitman's, all others	75
Complete Knives. 8 ft.	3 50	Binder Guards	30	Pitman Boxes (priced above).	
Knife-Heads. Steel	90	Guard or Leger Plates	05	Binder Canvas Slats	10
Knife-Heads. Malleable	50	Guard Bolts	05		

NAME	No. of Pitman Bolt		No. of Pitman Strap		No. of Knife Clip	No. of Knife Cap		No. of Wearing Plate	
	Knife End	Box End	Knife End	Box End		Front	Rear	Under Clip	Under Cap
Adriance (Buckeye)	602C	607B	600-1E	605C	3093A	3084	3086A	3094A	3098C
Champion, Draw Cut	H609	H632			A1155	A816	A1163	A5858	A5857
Champion, Improved	A5834				A1155	A1235	AB1227	A5858	A6136
Deere-Dain	Z5040	Z5035	Z220-5	Z226	Z6	Z30	Z32	Z5925	Z5063
Deere	Z5040	Z5961	Z392-3	Z516	Z6060	Z6010	Z488	Z5925	Z5685
Deering, Ideal, Wood Pitman	D2591	D2592	G211-2	G210	F94-D927	D826	D984	D3012	D1455
Emerson	Z381	Z382	M417-8	M416	M579	M528	M505		M66S
Johnson	2251	2252	2208-9C	2210	1814D	1885	926	1813	904
Massey-Harris	MA1706	M2511	M2489 / M2490	M2491	M883	L136	M2515	M2277	M2278
Massey-Harris, No. 11		768	71½-71¾	216	1814D		926	1813	904
McCormick	M483	M483½	M147 / M304	M315 / M316	M463	M290	M652	M468	M490
McCormick-Deering	M483	M483½	M147 / M304	M315 / M316	MD1000	MA1239	MA652	MA468	MA490
Milwaukee, Chain-drive	PG175	PG175	PN34-5	PL9-9½	PK1	PH2	PM3	PM156	PG157
Moline	602C	607B	600-1C	605C	3093A	3084C	3086A	3094A	3098C
Osborne	9960½	9959½	8131-2	8130	K665	10828	10008	13461	10009
Thomas-Crown	1004	1005	55-6	57	317	10	B40-CM329		1091
Thomas-New Crown	1117	1005	55-6	57	CM352	1219	B40	1239-40	1091
Wood-Admiral	A2148	9534	2853 / 2964	2834 / 2835	2865	2761	2959	K3139	K3138
Wood, Vertical Lift	K3435	K3460	K3438 / K3439	K3433	2865	K364	K306	K3139	K3423

Pitman Bolts.....$0 15 Pitman Straps.....$0 30 Knife Clips.....$0 15 Wearing Plates.....$0 15

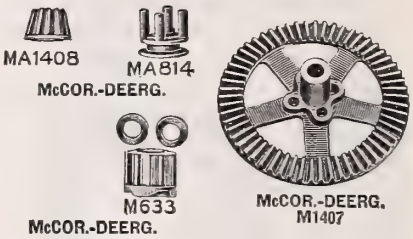
Knife Caps on Application



Conveyer Canvases

No.		Year	Price
	ADRIANCE—MOLINE		
JD1401.	Lower Elevator, 90 x 52 in., Nos. 4, 6, 7, and 25 Binders	1913	$5 85
JD1402.	Upper Elevator, 90 x 45½ in., Nos. 4, 6, 7, and 25 Binders	1913	5 60
J1450.	6-ft. Platform, 137 x 41 in., Nos. 4, 6, and 7 Binders	1913	7 75
J1451.	7-ft. Platform, 158 x 41 in., Nos. 4, 6, and 7 Binders	1913	9 00
J1452.	8-ft. Platform, 188 x 41 in., Nos. 4, 6, and 7 Binders	1913	10 25
	CHAMPION		
KA3145.	Lower Elevator, 77 x 51½ in., Improved Binders	1909	4 75
KA3144.	Upper Elevator, 96 x 43¾ in., Improved Binders	1909	5 10
KA3147.	6-ft. Platform, 137 x 43¾ in., Improved Binders	1909	6 60
KA3148.	7-ft. Platform, 157 x 43¾ in., Improved Binders	1909	7 65
KA3149.	8-ft. Platform, 185 x 43¾ in., Improved Binders	1909	8 70
	DEERE		
HZ9040.	6-ft. Platform, 135 x 44¾ in., Light-draft Binders	1911	6 60
HZ9041.	7-ft. Platform, 159 x 44¾ in., Light-draft Binders	1911	7 65
HZ9215.	Upper Elevator, 93 x 46⅞ in., Light-draft Binders	1917	4 75
HZ9216.	Lower Elevator, 96 x 50⅞ in., Light-draft Binders	1917	5 15
B8556.	Upper Elevator, 44½ x 97 in., New Binder	1923	4 75
B8555.	Lower Elevator, 50½ x 95 in., New Binder	1923	5 15
B8552.	6-ft. Platform, 38½ x 123 in., New Binder	1923	6 60
B8553.	7-ft. Platform, 38½ x 160 in., New Binder	1923	7 65
B8554.	8-ft. Platform, 38½ x 186 in., New Binder	1923	8 85
	DEERING		
HA4562.	Upper Elevator, 90 x 47 in., Ideal Binders	1908	4 75
HA1775.	Lower Elevator, 89 x 50⅜ in., Ideal Binders	1899	5 15
HA1772.	6-ft. Platform, 133½ x 43¾ in., Ideal Binders	1899	6 60
HA1773.	7-ft. Platform, 157½ x 43¾ in., Ideal Binders	1899	7 65
HA2791.	8-ft. Platform, 183 x 43¾ in., Ideal Binders	1899	8 85
	McCORMICK-DEERING		
BD65.	Upper Elevator, 91 x 47¼ in., R. & L. Binders	1901	4 75
BA66.	Lower Elevator, 97 x 51 in., R. & L. Binders	1901–13	5 25
BB835.	Lower Elevator, 89 x 51 in., R. & L. Binders	1911	5 15
BB466.	5-ft. Platform, 110 x 45 in., R. & L. Binders	1901	6 00
BC467.	6-ft. Platform, 134 x 45 in., R. & L. Binders	1901	6 60
BB468.	7-ft. Platform, 158 x 45 in., R. & L. Binders	1901	7 65
BC469.	8-ft. Platform, 182 x 45 in., R. & L. Binders	1901	8 85
	MASSEY-HARRIS		
A1260.	6-ft. Platform, 138 x 39 in., No. 5 Binders	1915	6 60
A1261.	7-ft. Platform, 162 x 39 in., No. 5 Binders	1915	7 65
S1107.	Lower Elevator, 88 x 53 in., No. 5 Binders	1915	5 75
S1106.	Upper Elevator, 84 x 50 in., No. 5 Binders	1915	4 75
A5013.	8-ft. Platform, 186 x 39 in., No. 5 Binders	1915	8 85
	MILWAUKEE		
SN812.	Upper Elevator, 88 x 47½ in., No. 12 Binders	1907	5 60
SN813.	Lower Elevator, 83 x 52½ in., No. 12 Binders	1907	5 85
SP817.	6-ft. Platform, 137 x 42⅝ in., No. 12 (works for SN817)	1902	7 75
SM818.	7-ft. Platform, 158 x 42½ in., No. 12 (works for SL818)	1906	9 00
	OSBORNE		
CA2022.	Upper Elevator, 88 x 42¾ in., New Osborne Binders	1909	4 50
CA2023.	Lower Elevator, 90 x 48½ in., New Osborne Binders	1909	4 75
CA2008.	6-ft. Platform, 134 x 42¾ in., Col. & New Osborne Binders	1896	6 60
CA2009.	7-ft. Platform, 158 x 42¾ in., Col. & New Osborne Binders	1896	7 65
CA2010.	8-ft. Platform, 182 x 42¾ in., Col. & New Osborne Binders	1896	8 85

Gears and Pinions



To Fit the Following:

Adriance.	
706D. Spur Pinion	$1 25
555D. Spur Gear and Bevel Pinion	5 75
Champion.	
A865. Spur Pinion	1 00
A867. Bevel Pinion	75
A864. Spur Gear	5 30
Dain, Deere.	
Z125. Bevel Gear	3 00
Z130. Bevel Pinion	70
Z414. Bevel Gear	3 00
Deering Ideal.	
D356. Bevel Gear	3 50
D458. Bevel Pinion	75
Deering New Ideal.	
D864. Bevel Gear	2 50
D865. Bevel Pinion	75
D730. Spur Pinion	85
D989. Bevel Gear	2 50
Emerson.	
M395. Clutch Gear	2 60
M404. Bevel Gear	2 15
M608. Spur Gear	2 50
M522. Bevel Pinion	75
McCormick New 4.	
M633. Spur Pinion	1 15
M635. Bevel Pinion	75
M813. Bevel Gear	3 00
McCormick New Big 4.	
M837. Bevel Gear	3 00
M838. Bevel Pinion	70
MA814. Clutch	1 00
M1400. Clutch	1 25
McCormick No. 6 Vertical.	
MA1406. Spur Pinion	1 15
M1407. Bevel Gear	3 25
M1408. Bevel Pinion	75
Thomas.	
65. Bevel Pinion	75
301. Bevel Gear	2 25
302. Triple Gear	3 50
303. Drive Gear	3 00
20. Drive Gear	3 00
Wood.	
2525. Bevel Gear	3 70
2791. Bevel Pinion	1 15
2790. Spur Pinion	1 25
K338. Spur Pinion	1 25

Grain-Drill Points

We are one of the largest distributors of Grain-Drill Points and Tubes in the country. For all the leading Grain Drills. In ordering Points, either send an old one or give name of Drill, length of Point, and be sure to give distance from center of hole to end of Point.

18 cts. each.

Grain-Drill Tubes

In ordering Tubes it is always best to send an old Tube as a sample. If that cannot be done, be sure to state name of Drill and by all means the length and diameter at top and bottom.

Plain Tubes.....40 cts.

Crankshaft Bushings for All Machines

Write for prices

Check-Rower Wire

For Leading Planters

Comes in 10-, 20-, 40-, and 80-rod rolls. **8 cts. per rod.**

Binder Canvas Tacks

Double-pointed, tinned, in ¼-lb. pkgs. **25 cts. per lb.**

Iron Rivets

Most Commonly Used

Mower Section, ½ x 5½.
Binder Section, ⅜ x 6.
Knife-head Mower, ⅞ x 5½.
Knife-head Binder, ¾ x 6.
Guard Plate Mower, 1¼ x 6.
Guard Plate Binder, 1¼ x 6.
Pitman Mower, ¼ x 2¼.
Pitman Binder, ¼ x 2.

Price of above, 15 cts. per lb.

Harvester Buckles

1 1/16-in., with 7-in. web attached .....15 cts.

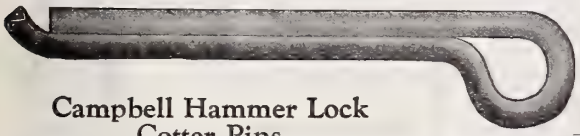
Spike Harrow Teeth

½ x 8-in.	$0 07	¾ x 11-in.	$0 14
9/16 x 8-in.	07	⅞ x 11-in.	16
⅝ x 8-in.	07	1 x 12-in.	21

Universal Clamps. **15 cts. each.**

Reversible Harrow Points

Butts (Fits all harrows.)	$0 30
Butts, points only	18
Butts, clamps only	14
Syracuse. 1-hole	20
I. H. C. 2-hole	22
Osborne. B. & G., 2-hole	22
Mason No. 256. (Fits all harrows.)	30



Campbell Hammer Lock Cotter Pins

Spread and locked with one blow from hammer. Easily taken out. Assorted, box of 100.....40 cts.

Corn Hooks and Knives

Little Giant Knife. Oval wood handle	$0 55
Black Diamond Knife. 15-in. blade, 3 in. wide	40
Field King Hook (Quynn Pattern)	40
Brook's Hook. (Corrugated.)	50
Village Blacksmith No. 1	40
Village Blacksmith No. 300	60
Village Blacksmith No. 80	50

Husking-Pins

No. 7-Y. With cot more open between the fingers. Grain leather	$0 25
No. 100-Y. Cold rolled steel, 4½ in., nickel-plated pin, with split leather shield, double compartment, and adjustable finger-strap	15
No. 00-X. Clark's "Hickory" Pin, 4½ in., made of best cold rolled steel, with one compartment	10

Binder Twine

Write for prices

Fodder Yarn

Write for prices

Best Quality Rope

Write for prices

Rope Plow-Lines

⅜-in. Manilla. **35 cts. per pr.** (42 ft.).
½-in. Manilla. **45 cts. per pr.** (42 ft.).
⅜-in. Cotton. **50 cts. per pr.** (42 ft.).
½-in. Cotton. **60 cts. per pr.** (42 ft.).

Baling Ties

No. 14. Single-Loop. 9½-ft.	$1 90
No. 15. Single-Loop. 9½-ft.	1 75

Annealed Baling Wire. Nos. 11, 12, 13, 14, and 16 always on hand at lowest market prices on application.

Special prices in quantity to threshermen and balers

Alfalfa Belting

Alfalfa waterproof Belting is a belt woven especially for great tensile strength. Nothing but the finest long, staple cotton is used.

	Per ft.
2-in., 4-ply	$0 18
3-in., 4-ply	25
4-in., 4-ply	30
5-in., 5-ply	50
6-in., 5-ply	60

The New Clipper Grain-, Seed-, and Bean-Cleaner

These Cleaners are guaranteed to be first class in every respect. We furnish the best outfit of screens ever sent out with a farm mill. Our perforated zinc screens are graduated in 64ths of an inch in both round and oblong holes. Our woven wire screens are made of plated wire with the meshes uniform and true to count. The zinc screens will not rust and our plated wire screens will last for years if properly cared for.

Vertical Air-Blast. This is a feature that no other Cleaner has, and it makes possible some very difficult separations that can be made in no other way.

No. 2-B differs from No. 1-B only in size and capacity. Both machines are equipped with a set of 12 screens for general farm use. No. 2-B is larger.

No. 1-B	$51 00
No. 2-B	59 00
Power Attachment. Extra	1 00

Kelly Axes

Complete with 34-in. handle, 3½, 4, 4½, and 5 lbs.....$2.25

Single Bit. 4½ and 5 lbs. $1.50

Kelly Half-Hatchets. 90 cts.

Axe Handles

Oriole. Extra-selected second-growth all-white hickory Axe Handles .....**40 cts.**

Wedges

Strong steel Wedges for splitting wood. Have the right taper and will stick in the wood. Weight, from 3 to 6 lbs. ..**Lb. 10 cts.**

Finest Quality

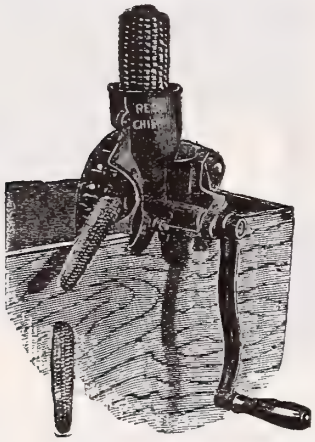
LADDERS

For Every Purpose

See Page 64

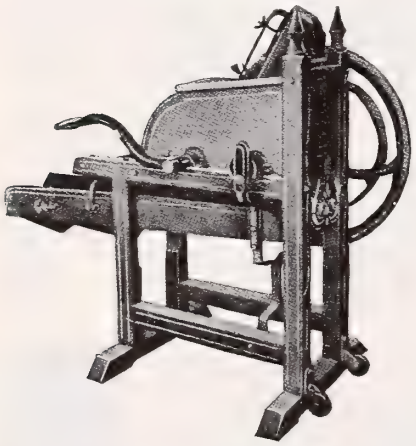
Shellers - Baskets - Troughs

Red Chief Corn Sheller



Weight, 12 lbs. . . . . $2.25 each

The Baltimore Sheller



No. 20. Double Spout Sheller. This Sheller is built very strong from the best materials, and has a combination fly-wheel and pulley. Hand and power, with shaker belt and fly-wheel. Capacity, 200 bushels per day. Capacity by power, 500 to 600 bushels. Weight, 300 lbs. With shaker. **$36.25 each**

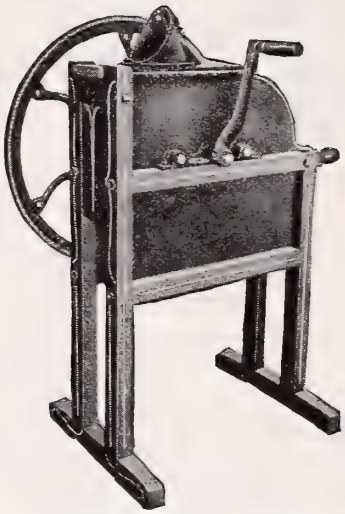
Keystone Food Chopper

No. 10. Will chop 1½ pounds meat per minute. Weight, 3⅝ lbs.	$1 20
No. 20. Will chop 2 pounds meat per minute. Weight, 4½ lbs.	1 35
No. 30. Will chop 3 pounds meat per minute. Weight, 6¼ lbs.	1 75
No. 40	2 35
No. 45	2 35
Stuffing attachment for No. 20 or 30 Chopper	85

Wood Measures

¼-pk.; flat hoops	$0 65
Pk. and ½-pk.; flat hoops	1 00
½-bus.; flat hoops	1 25

Buch's Sheller



No. 3. One Hole Sheller. Separates corn and cob. Corn discharged beneath Sheller, cobs at end. Easily adjusted for large or small ears. Capacity, 125 bushels a day. Weight, 130 lbs. . . . . **$15.50 each**

Baskets

Utility Galvanized Steel Baskets

With Drop Handles. 1-bus.	$0 90
1½-bus.	1 25
½-bus.	70

Split Bamboo and Oak Baskets

Iron-bound.

1-bus.	$1 35	2-bus.	$2 60
1½-bus.	1 85	3-bus.	3 50

Presto Dehorners

This Dehorner is offered to supply the demand for a simple, well-made, strong dehorning tool at a low price. The blades slide past each other and are so designed as to cut and not crush the horn. Has malleable iron frame and handles, high carbon steel blades. Finished in enamel.

No. 0. Opening 3 in.; length 34½ in. Weight, 12¾ lbs. **$3.95 each**

No. 3. The best on market. Oil tempered steel. Opening 3½ in.; length 40 in. Weight, 16¾ lbs. **$12.00 each**

Daisy Indestructible Farm Baskets

No. 2-PB. ½-bus. rounded full. Made of No. 12 Galvanized Wire, spaced approximately ⅝-inch apart. Hoop welded to each vertical wire. Patent ears that can never come off. Regular bails No. 6 galvanized wire . . . . . **$1.25 each**

Round-End Galvanized Tanks

No.	Width ft.	Height ft.	Length ft.	Capacity gals.	
RE 224	2	2	4	91	$10 00
RE 225	2	2	5	117	12 00
RE 226	2	2	6	144	14 00
RE2525	2½	2	5	145	13 25
RE2526	2½	2	6	178	15 50
RE2528	2½	2	8	245	19 85

Heavy Cast-Iron Hog Troughs

No danger of bursting in winter. Twelve inches wide at the top, 2 inches at bottom, and 7 inches deep. Made from 2 to 8 ft. long. **$1 per ft**

Galvanized Steel Stock Troughs

These Troughs will not rust or corrode, and will not damage by freezing.

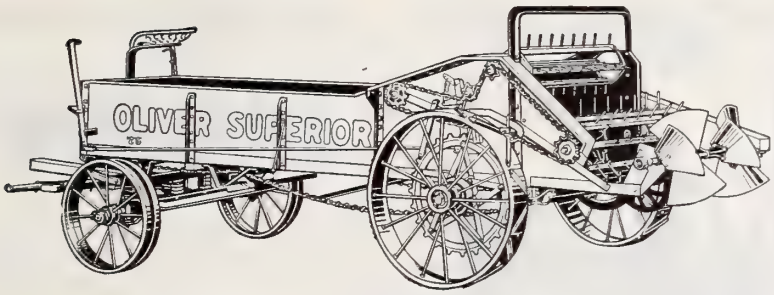
Length	Width	Capacity	
3 ft.	16 in.	18 gals.	$7 60
4 ft.	16 in.	24 gals.	8 60
6 ft.	16 in.	36 gals.	10 25
8 ft.	16 in.	48 gals.	12 00
10 ft.	16 in.	60 gals.	14 40
12 ft.	16 in.	72 gals.	17 00
4 ft.	20 in.	40 gals.	10 75
6 ft.	20 in.	60 gals.	13 20
8 ft.	20 in.	80 gals.	15 20
10 ft.	20 in.	100 gals.	18 30
12 ft.	20 in.	120 gals.	20 25

Maryland Lever Cutter

Strong, cheap, and durable. **$7.50 each**

All of our seeds, bulbs and plants are the finest obtainable. That's why so many successful gardeners depend on Griffith & Turner Co. for all their needs.

OLIVER FARMING IMPLEMENTS



No. 75A Oliver Superior Spreader

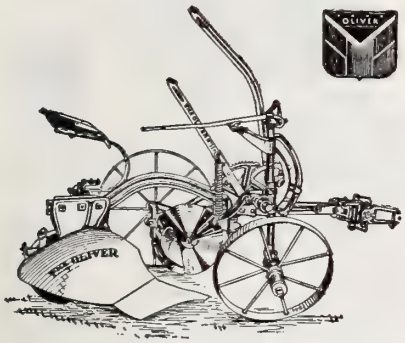
Has the biggest capacity of any Spreader, yet is easily pulled by two horses.

Exclusive features found on no other Spreader. Uses Hyatt roller-bearings.

A lime-sowing attachment can be furnished for the most efficient distribution of lime. Every desirable feature in Spreader construction has been included in the new No. 75A Oliver Superior Spreader. Write for special illustrated circular.

No. 75A. Oliver Superior Spreader. With either 2-horse hitch or tractor hitch, and widespread attachment $180 00
Brake Attachment, complete 9 25
3-horse hitch instead of 2-horse hitch, add 4 50

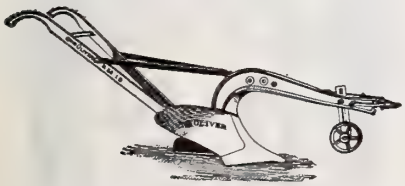
No. 11 Oliver Sulky



This Sulky is the most popular plow of its kind ever built. Turns square in-and-out corners with the bottoms cutting full width and depth. Furnished in both Right and Left Hand. Regularly equipped with Steel Evener and No. 90 Chilled Jointer and Weed Hook.

All Chilled; 12-in. Weight, 431 lbs. ... $67 00
All Chilled; 14-in. Weight, 446 lbs. ... 68 25
Tongue and Neck Yoke, extra 4 25
Combination Rolling Coulter instead of Jointer, add 2 75
Plain Rolling Coulter instead of Jointer, add 75
Less Weed Hook, deduct 50
3-Horse Evener not taken, deduct ... 5 00

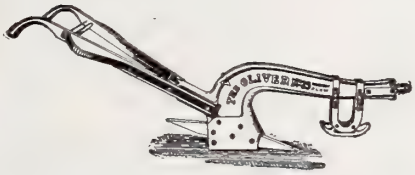
No. 24 Oliver Grading Plow



An extremely strong iron-beam Plow for road-breaking, excavating work, or the heaviest of field-work. The beam standard and frog are one piece. This Plow has a chilled mouldboard and a deep-suck cutter share.

No. 24. Iron Beam, equipped with a Gauge Iron instead of Wheel $29 50
No. 1-78. **Syracuse Grading Plow,** with Wheel 27 75

No. 25 Oliver Pavement Plow



A popular Plow for tearing up macadamized roads, streets, gravel roads, etc. Built extra strong and rigid, the beam standard and handle braces are cast in one piece. The pick is both reversible and adjustable. All wearing parts are renewable.

Regularly equipped with a Gauge Iron.

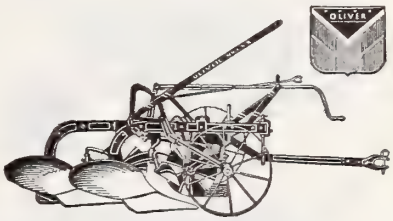
No. 25. Pavement Plow $36 00
Reversible Steel Point or Spike 4 00
No. 98. **Syracuse Pavement Plow,** with Gauge Iron 34 75

No. 109 Oliver Tractor Plow

This Tractor Gang does a fine job of covering surface trash. Operating behind light to medium-powered tractors, it will give years of dependable, trouble-free service. Adjustable frame of the No. 109 allows for an 11-, 12-, 13-, or 14-inch cut. It can be quickly changed to meet a wide variety of soil and plowing conditions.

A Rear Furrow Wheel, spring-locked to facilitate backing the Plow, is standard equipment $100 00
Spring Release instead of regular 4 05
Spring Release as extra 6 55

No. 9-XX Adjustable Tractor Plow

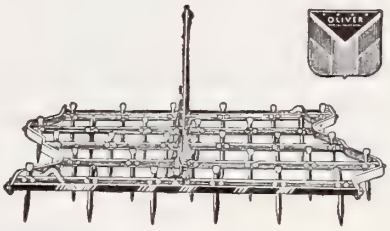


This can be set so that the bottoms will cut 11, 12, 13, or 14 inches. When the ground is hard and plowing is difficult, the bottoms can be set to cut narrow. The adjustment is made by expanding or closing the frame.

An easily operated Plow. A trip-rod for the power lift. The Oliver No. 9-XX has unusual clearance under the beams and between the bottoms $93 00
Spring Release instead of regular 4 05
Spring Release as extra 6 55

Write for Special Circular

Oliver U.B.C. Spike Harrow

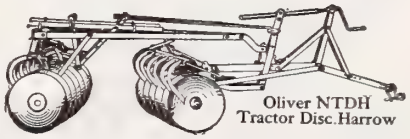


Horse Harrow

Regularly equipped with Evener Bar.

25-tooth; 1-section. Weight, 93 lbs. ... $10 00
30-tooth; 1-section. Weight, 105 lbs. .. 11 50
50-tooth; 2-section. Weight, 195 lbs. .. 20 75
60-tooth; 2-section. Weight, 222 lbs. .. 24 00
75-tooth; 3-section. Weight, 306 lbs. .. 33 50
90-tooth; 3-section. Weight, 342 lbs. .. 37 75
Tractor hitch 1 00

Oliver Tractor Disc Harrow



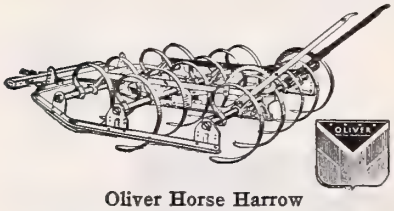
Oliver NTDH Tractor Disc Harrow

Rear Weight Pans, with Rigid Scrapers, and Zerk Fittings

	No. of Discs	Size of Discs	Cut ft.	Weight	
FDH-5	20	16 in.	5	625 lbs.	$85 00
NTDH-6	24	16 in.	6	738 lbs.	108 00
NTDH-7	28	16 in.	7	793 lbs.	118 00
NTDH-8	32	16 in.	8	1106 lbs.	130 00
FDH-5	20	18 in.	5	688 lbs.	95 00
NTDH-6	24	18 in.	6	788 lbs.	118 00
NTDH-7	28	18 in.	7	848 lbs.	130 00
NTDH-8	32	18 in.	8	1170 lbs.	140 00

ALL PRICES IN CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Oliver Spring-Tooth Harrow



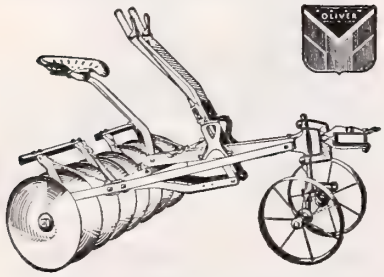
Oliver Horse Harrow

Oliver PE 3-Section Tractor Harrow

The levers are reversible and are set on the rear of the sections for horse use and on the front for tractor use.

HORSE HARROWS

9-tooth, with Handles and Singletree; 3-ft. cut. Weight, 163 lbs. $18 25
15-tooth; 2-section, with Draw Bar; 5 ft. 6-in. cut. Weight, 240 lbs. 27 00
17-tooth; 2-section, with Draw Bar; 5 ft. 10-in. cut. Weight, 253 lbs. 28 50
23-tooth; 3-section, with Draw Bar; 8 ft. 4-in. cut. Weight, 362 lbs. 40 50
25-tooth; 3-section, with Draw Bar; 8 ft. 8-in. cut. Weight, 375 lbs. 42 50
31-tooth; 4-section, with Tractor Hitch; 11 ft. 2-in. cut. 55 00
33-tooth; 4-section, with Tractor Hitch; 11 ft. 6-in. cut. 57 00



Oliver HDH Disc Harrows Priced with Rigid Pole

Single-Disc Harrows

Regularly equipped with hard Oil-cups, rigid Scrapers, 2- or 3-horse Evener, Seat, Rigid Pole, and Neck Yoke.

	No. of discs	Cut ft.	Size of discs	Weight	
HDH-4	8	4	16 in.	331 lbs.	$47 50
HDH-5	10	5	16 in.	377 lbs.	51 00
*HDH-6	12	6	16 in.	446 lbs.	56 00
HDH-4	8	4	18 in.	355 lbs.	50 70
HDH-5	10	5	18 in.	395 lbs.	55 00
*HDH-6	12	6	18 in.	471 lbs.	62 00

Foretruck in place of Tongue, add 8 40

*Equipped with Offset Irons and 3-horse Eveners.

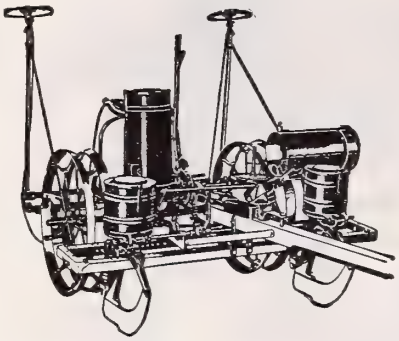
Double-Disc Harrows

Write for prices

ALL PRICES IN CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

New 9C Variable Drop Oliver Superior Planters

Edge-drop furnished



The Superior Variable Drop Device plants 2, 3, or 4 kernels per hill. You can change from one to the other at will, without changing plates or making adjustments. By means of a hand-lever you can make the change instantly without stopping the team.

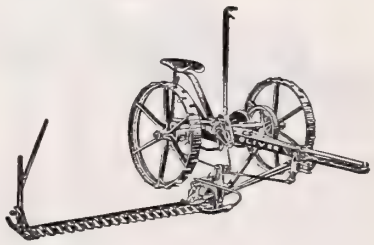
Oliver 9C Corn Planters are adjustable for 30- to 48-inch row widths. They may be secured as Check-Row Planters, Drills, or with Automatic Hill-Drop Device to plant hills from 28 to 76 inches apart in the row. Wheels, 30-inch open wheel regular; closed wheel optional. Plate equipment: Edge or Flat Drop as ordered.

Each Planter, equipped with three sets, for small, medium or large kernels. Special plates for beans, cowpeas, beet seed, grain sorghums, sweet corn, peanuts, and practically all other kinds of seed are available. Center reel with new, positive clutch standard.

Pole arranged for either Toggle or Ring Neck Yoke. Neck Yoke and Doubletrees furnished as extra equipment.

No. 9C. Runner Planter with Check Wire, Automatic Drag Marker, less Trees and Yoke $90 00
No. 9C. Runner Planter, no Check Wire, Automatic Drag Marker, less Trees and Yoke 76 00
No. 9C. Disc Planter, with Check Wire, Automatic Drag Marker, less Trees and Yoke 95 00
Fertilizer Attachment, add 27 75
Doubletrees and Neck Yoke 3 75

The Oliver Clip-Cut Mower



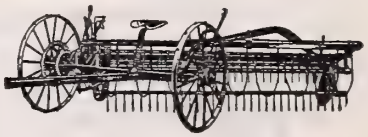
The Oliver Clip-Cut Mower is of the "Big Frame" type. The first real new Mower in 75 years. An all-purpose Mower—its work is equally satisfactory in alfalfa, timothy, soy beans, lespedeza, and other crops. All gears fully enclosed, running in oil, and back of the axle to take the weight off the horses' necks.

Dustproof, oil-tight housings. Oliver Clip-Cut runs in oil and has Universal Cutter Bar.

Don't be misled but buy an **Oliver Clip-Cut** now.

No. 114V. Vertical Lift. 4½-ft. $105 00
No. 114V. Vertical Lift. 5-ft. 108 00

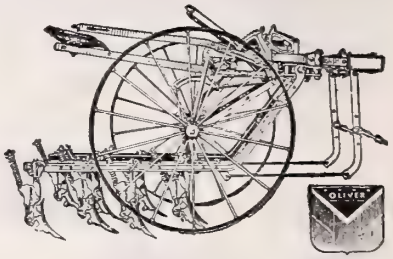
Oliver Side-Delivery Rake and Tedder



Curing hay in airy windrows made with the Oliver Side-delivery Rake makes a higher quality hay. This Rake can instantly be converted to a Tedder merely by shifting a lever.

No. 1-B. 8-ft.; 48-tooth $137 50

No. 35 Oliver Cultivator



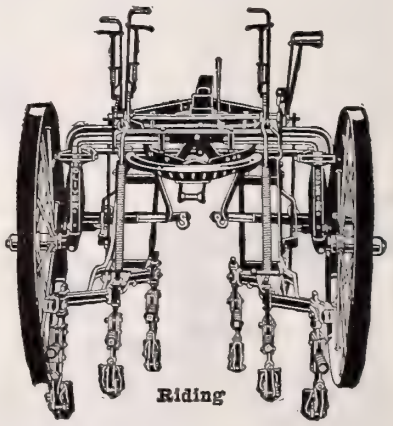
This Cultivator is built short and sturdy and the hitch is close and direct. The gangs extend back only a short distance beyond the wheels. This eliminates dipping and side-slipping.

A new and improved Cultivator, better designed, more permanently constructed, easier operated.

CERO35. 6-shovel; pin break; open sleeve; round shank $64 00
DERSO35. 6-shovel; spring trip; open sleeve; round shank 70 00
LERO35. 8-shovel; pin break; open sleeve; round shank 66 00
LERSO35. 8-shovel; spring trip; open sleeve; round shank 74 00

Oliver Superior Cultivators

Famous Buckeye

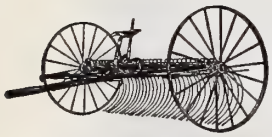


Riding

For 28- to 48-in. rows. Round shank; open sleeve.

No. 956½. 6-shovel; pin $64 00
No. 957½. 6-shovel; spring trip 70 00
No. 958½. 8-shovel; pin 66 00
No. 959½. 8-shovel; spring trip 74 00

Oliver Self-Dump Hay Rake



The strong, rigid frame on the Oliver Self-dump Hay Rake cannot sag or twist. Frame is angle steel, not riveted together. It is further prevented from sagging by a heavy truss rod, which runs the entire length of the frame and supports the center of the Rake in the manner of a bridge truss.

8 ft.; 24-tooth	$49 00
9 ft.; 24-tooth	51 00
10 ft.; 32-tooth	55 00

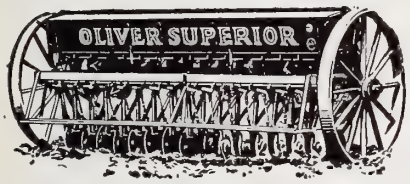
Oliver Drop-Deck Cylinder Loader

The Oliver Cylinder Hay Loader with the Drop Deck combines in one simple, sturdy machine all of the best qualities desired in a hay loader. Above everything else, it is built to clean the hay off the ground and place it on the load without shaking off the leaves which are so high in feeding value.

The curved teeth pick up all the hay in the windrow. The 8-cylinder bars, with 16 teeth to each bar, are like a multitude of small pitchforks which slide under the windrow and deliver it to the hay carrier without bunching or tearing the hay apart. The speed of the cylinder and the speed of the hay carrier are proportioned so exactly that the hay is carried in a continuous ribbon from the windrow to the load.

Single-Cylinder Loader. 6-ft.	$130 00
Two-Cylinder Loader. 6-ft.	147 00
Closed-Deck Loader. 6-ft.	148 00

Oliver Superior Grain Drills



The best-known Drill on the market. It can be supplied in many different sizes, so we mention only those most used.

No. 26. Fertilizer Plowfur Disc Drills or Spring Hoe, with drag chains. No seat, agitator or scrapers. With Grass Seeder.

8 x 8-in. disc; 2-horse hitch; 1 pole	$158 50
10 x 8-in. disc; 2-horse hitch; 1 pole	175 00
9 x 7-in. disc; 2-horse hitch; 1 pole	167 50
10 x 7-in. disc; 2-horse hitch; 1 pole	178 00
11 x 7-in. disc; 2-horse hitch; 1 pole	188 00
13 x 7-in. disc; 3-horse hitch; 2 poles	215 00
8 x 8-in. spring hoe; 2-horse hitch; 1 pole	153 00
10 x 8-in. spring hoe; 2-horse hitch; 1 pole	172 00
9 x 7-in. spring hoe; 2-horse hitch; 1 pole	161 00
10 x 7-in. spring hoe; 2-horse hitch; 1 pole	171 00

Large sizes can be furnished with Tractor Hitch.

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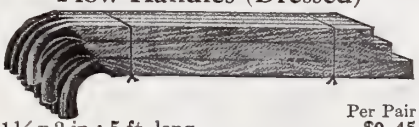
Genuine Oliver Chilled Plows

When Ordering Plows and Repairs State Right or Left Hand, Wood or Steel Beams

Plow Base	S. B. Plow, Plain	W. B. Plow, Plain	S. B. Comb Plow, Plain	Plain Share	Slip Share	Lands	Moulds	Steel Moulds	Solid Steel Shares	S. B. Standard	W. B. Standard	Wood Beams
Goober	$10.25			$0.20		$0.50	$1.50			$2.25		
No. 6	9.00			.20		.50	1.45			1.50		
A-C-2	11.25			.28		.55	1.60			2.25	$2.80	$3.85
B-C-N	14.00	$13.50		.37		.75	2.05			2.35	3.20	3.85
10-N	16.00	16.00		.42	$0.57	.80	2.25			3.00	3.20	3.85
13-N	18.00	18.00	$20.00	.51	.66	.95	3.00	$6.00	$2.75	3.25	3.55	3.85
19-N	19.00	19.00	21.00	.55	.70	1.00	3.25	6.75	3.00	3.25	3.95	4.15
20-N	21.00	21.00	23.50	.60	.75	1.05	3.40	7.75	4.00	3.50	4.15	4.15
E-I-N		24.00		.70	.85	1.10	3.75				4.50	4.15
30				.55		1.10	3.75					
40-N	23.50	23.50		.70	.85	1.10	3.75		4.20	3.75	4.70	4.15
40-XX		26.00		.85		1.10	4.60				4.70	4.95
82-N	21.00			.75	.90	1.45	4.00			4.75		
83-N	23.00			.85	1.00	1.45	4.50			4.80		
84-N-12 in.	24.50			.85	1.00	1.45	5.00		4.10	4.80		
84-14 in.				.95		1.45	5.00			4.80		
91				.85	1.00	1.45	5.00			4.80		
512 Hillside	25.00			.80		1.10	3.75			6.25		
513 Hillside	25.50			.85		1.10	4.10			6.25		
524 Hillside	23.50			.85		1.10	4.10			8.25		
B				.32		.75	2.65			2.25	3.00	
A-2				.23		.55	1.60			2.65	2.90	
3-X				1.00		1.60	5.80					
98		23.50		.55		1.45	4.75				6.00	4.15
99				.55		1.45	5.00					
F-905-A Short						.55						
F-926-A Long						1.20						
NC-23-12 in. Q. D.				1.30					2.75			
NC-23-14 in. Q. D.				1.50					3.00			
NC-23-16 in. Q. D.				1.80					3.50			
NC-3-18 in. Q. D.				1.90					4.25			

Plow Handles (Dressed)



	Per Pair
1⅛ x 2 in.; 5 ft. long	$0 45
1¼ x 2¼ in.; 5 ft. long	50
1¼ x 2¼ in.; 6 ft. long	65
1½ x 2⅜ in.; 5 ft. long	65
1⅛ x 2 in.; Side Bend	50

Repairs to Fit South Bend Plows

	Shares	Lands	Moulds	Slip Shares
No. B1	$0.30	$0.56	$1.70	$0.41
No. B1X	.34	.56	1.70	.45
No. 2	.38	.75	2.25	.50
No. 2X	.41	.75	2.25	.53
No. 2F	.38	.75	2.45	.50
No. 2½	.45	.83	2.63	.56
No. 2½X	.50	.83	2.63	.60
No. 2½F	.45	.83	2.81	.56
No. 3	.50	.94	3.00	.60
No. 3X	.53	.94	3.00	.65
No. 3F	.50	.94	3.20	.60
No. R4X	.60	1.01	3.26	.75
No. 10	.60	1.01	3.56	.75
No. 10X	.65	1.01	3.56	.78
No. 151	.85	1.45	5.00	1.00
No. 63X	.23	.53	1.50	

Jointer Points, 30c. Jointer Moulds, 40c. Bolts, 5c.

Bolts

Share	$0 05
Mould and Land	05
Main Beam	15
Back Beam	10

Oliver Coulters

11-in. Coulter	$5 30
13-in. Coulter	5 60

("Moon" Coulters, see page 95.)

Clevises

Wood Beam:

A, for A-B-10 Plow	$0 25
B, for 13-19-20 Plow	60
D, for 40 Plow	1 10
CY872 Cross Clevis	30

Steel Beam:

No. 2, for A-C, B-C Plow	95
No. 90A, for 10-13-19-20 Plow	1 30
No. 91, for 40 Plow	1 45
CY934 Cross Clevis	35
WP38 Cross Clevis	40
WP39 Cross Clevis	55

WOOD HANDLES. (Single)	85
Handle Rounds, each	10
Sets, all numbers up to 10	2 20
Sets, all numbers, 13 and above	2 75

(State if old or new-style Handles.)

Wood or Steel Beam

Wheels and Parts

Complete, A to 13 Steel Beam	$1 95
Complete, 19 to 84 Steel Beam	2 20
Complete, A to 13 Wood Beam	1 65
Complete, 19 to 40 Wood Beam	2 50
Standards, one-horse, straight	1 00
Standards, two-horse, arch	1 60
Wheels only, one-horse	55
Wheels only, two-horse	85
Wheel hub	25
Wheel-hub bolt	05

Jointer and Parts

Steel Beams, 10 and 13	$3 85
Steel Beams, 19 to 40	4 95
Wood Beams, 10 and 13	3 60
Wood Beams, 19 to 40	4 40
Jointer Points	20
Jointer Moulds	40

CHILLED AND CAST PLOWS AND PARTS

Genuine Syracuse Plows and Repairs

		Beam	Plain Plow	With Wheel	With Wheel and Jointer	Plain Share	Heavy Share	Coulter or Slip Share	Land-side	Moulds
No. 1-78 Regular	R. H.	Iron	$18.75	$20.15	$23.40	$0.65	$0.80	$0.80	$0.97	$4.31
No. 1-78 Contractor	R. H.	Iron		27.75			.80		1.55	5.75
No. 2-78	R. H.	Iron	17.25	18.65	21.90	.60	.75	.75	.88	3.50
No. 10-78	R. H.	Iron	21.50	22.90	26.15	.71		.86	1.08	4.68
No. 15	R. H.					1.05		1.20	2.00	6.25
No. 20-78	L. H.	Iron	18.75	20.15	23.40	.65	.80	.80	.88	4.00
No. 30-78	L. H.	Iron	21.75	23.15	26.40	.70	.85	.85	1.02	4.30
No. 35	L. H.					1.10		1.25	2.00	6.25
No. 50	R. H.	Wood	9.50	11.00	14.10	.35			.63	1.87
No. 51	R. H.					.43		.58	.75	2.25
No. 52	R. H.	Wood	13.75	15.25	18.35	.43		.58	.82	2.50
No. 53	R. H.	Wood	16.00	17.50	20.60	.48		.63	.93	3.00
No. 54	R. H.					.75			1.40	4.50
No. 56A	R. H.					.80		.95	1.55	5.00
No. 95	L. H.					.60		.75	1.02	3.30
No. 96	L. H.					.65		.80	1.10	3.45
No. 97	L. H.					.70		.85	1.20	3.55
No. 361	L. H.					.70			1.02	3.80
No. 362	L. H.					.65			1.02	3.45
No. 363	L. H.					.65			.97	3.15
No. 501	L. H.	Wood	20.60	22.10	26.00	.70	.85	.85	1.38	5.50
No. 502	L. H.	Wood	19.60	21.10	25.00	.65	.80	.80	1.38	5.00
No. 503	L. H.					.65		.80	1.30	3.40
No. 601	R. H.	Wood	20.60	22.10	26.00	.70	.85	.85	1.38	5.50
No. 602	R. H.	Wood	19.60	21.10	25.00	.65		.80	1.38	5.00
No. 603	R. H.	Wood	16.40	17.90	21.80	.65		.80	1.30	3.40
No. 1361	L. H.	Steel	20.60	22.00	25.90	.70		.85	1.02	3.80
No. 1362	L. H.	Steel	19.60	21.00	24.90	.65		.80	1.02	3.45
No. 1363	L. H.	Steel	16.40	17.80	21.70	.65		.80	.97	3.15
No. X1341 Q. D.	L. H.					.75		.90		5.25
No. X1342 Q. D.	L. H.					.70		.85		4.75
No. X1441 Q. D.	R. H.					.75		.90		5.25
No. X1442 Q. D.	R. H.					.70		.85		4.75

Shares interchangeable (361, 501, 1361 series) (461, 601, 1461 series).
Landsides interchangeable (361, 1361 series).

Jointer Points	$0 20	Wheels only	$0 65
Jointer Moulds	75	Wheel Axle	30
Slip Noses	15	Wheel only, complete with Axle, Sand Cap, etc.	1 25

Wiard Steel Beam Plows and Repairs

	Plain Plow	Plain Shares	Slip Nose Shares	Moulds	Lands	Shoes for Lands	Shins or Cutters
No. 16		$0.65	$0.75	$4.99	$1.10		
No. 25		.70	.85	5.00	1.40		$0.75
No. 27		.75	.90	5.00	1.40		.75
No. 43		.75	.90	4.50	1.25	$0.70	.75
No. 44		.75	.90	5.00	1.25*	.70	.75
No. 45		.80	.95	5.25	1.25*	.70	.75
No. 65		1.15		6.00	2.00		
No. 80	$21.00	.75	.90	5.00	1.00	.70	.75
No. 90		.75	.90	5.00	1.00	.70	.75
No. 104	21.00	.75	.90	5.00	1.25*	.70	.75
No. 106	24.00	.80	.95	5.25	1.25*	.70	.75
No. 115X		.85		4.50		1.25	
No. 126		.95		4.50		1.25	
No. 219		.70	1.00	3.75	1.20		
No. 240	21.00	.80	1.00	4.50	1.25		
No. 522		.65	.80	4.00	1.25		.75
No. 524	19.00	.70	.85	4.50	1.25		.75
No. 526	21.00	.75	.90	5.00	1.25		.80
No. 546	21.00	.75	.90	5.00	1.25		.80
No. 548	24.00	.80	.95	5.25	1.25		.80

*Solid or One-piece Lands for Nos. 44, 45, 104, and 106, $1.50. Wheels, complete, $1.50. Steel Beam Jointers, $4.00. Slips, 15 cts. Jointer Points, 25 cts.
No. 546. Sulky Plow, $50.00.

Massey-Harris Repairs for Plows

(Formerly Case)

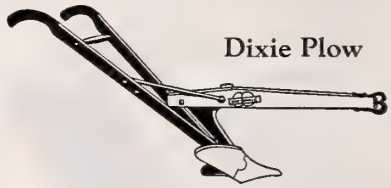
PLOW	Cast-share Brand	Price	Steel-share Brand	Prices Solid	Prices Hard
480½ GEX	GM 0	$1.40	10 G	$2.50	$4.25
482½ GEX	GM 2	1.60	12 G	3.00	4.75
484½ GEX	GM 4	1.80	14 G	3.50	5.50
510½ GPX	GP 0	1.40	GP 10	2.50	4.25
512½ GPX	GP 2	1.60	GP 12	3.00	4.75
514½ GPX	GP 4	1.80	GP 14	3.50	5.50
SG 12	SG 2	1.60	SG 12	3.00	4.75
SG 14	SG 4	1.80	SG 14	3.50	5.50
SG 16	SG 6	2.00	SG 16	4.50	6.00

ALL PRICES IN CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Farmers' Friend Plow

No. ½	$5 50
No. 5	5 50
Plain Castings, per lb.	06½
Polished Castings, per lb.	08½

Dixie Plow



"Boy" Dixie	$4 25
No. X	5 50
No. I	6 00
No. II	8 00
Plain Castings, per lb.	06½

White's Clipper Plow

No. 2. Cast; 1-horse	$5 50
No. 12. Cast; 2-horse	8 50
Castings for Clipper Plow, per lb.	06½
Polished Castings, per lb.	08¼

Champion Plow

No. "Girl"	$5 35
No. A	5 85
Castings, Plain, per lb.	06½
Castings, Polished, per lb.	08½

Lynchburg Plows and Repairs

No.	Plows	Shares	Slip Shares	Lands	Moulds
2	$7.75	$0.20		$0.42	$1.35
6X	10.00	.28	$0.38	.51	1.50
27X	15.50	.51	.65	.88	2.75
42	17.75	.60	.75	.97	3.15
52	20.50	.70	.80	1.02	3.45
37X		.55	.70	.92	3.00

Repairs to Fit Chattanooga Plows

	Shares	Lands	Moulds
No. 44	$0.51	$0.92	$2.75
No. 62	.23	.51	1.40
No. 63	.42	.78	2.10
No. 64 R. & L.	.51	.92	2.75
No. 65 R. & L.	.60	1.06	3.15
No. 66 R. & L.	.65	1.06	3.30
No. 70	.23	.51	1.35
No. 71	.28	.51	1.40
No. 72	.28	.51	1.50

R. H. 65 Slip Shares	$0 78
CP4166 Slips for same	15

Repairs to Fit International Plows

Shares		Lands	
6002 R. H.	$0 80	6021 R. H.	$1 40
6007 R. H.	85	6022 L. H.	1 40
6027 L. H.	80	6001 M. R. H.	93
6028 L. H.	85	6001 R. H.	56

Moulds		Moulds	
CP6008 R. H.	$4 65	CP6103 L. H.	$4 65
CP6009 R. H.	4 90	CP6104 L. H.	4 90

Jointer Points	25
Shins	60

South Bend Repairs, see page 91

MISCELLANEOUS IMPLEMENTS AND PLANTERS

Stover Special Feed Grinding Mills

For grinding dry-ear corn, shelled corn, and all of the small grains.

Capacity, from 3 to 6 bushels per hour per horse power, depending upon the grinding condition of the grain and the fineness of the feed.

		Pulley	Weight	
No. 106....	6-in.	12 x 4 in.	200 lbs.	$28 00
No. 108....	8-in.	12 x 6 in.	275 lbs.	38 25
No. 42.....	8-in.	10 x 6 in.	400 lbs.	50 00

Fairbanks Portable Scale

This type of Portable Platform Scale is one of the most efficient for general use and is furnished either with or without wheels. It is equipped with arrow-tip single beam having a center indicating sliding poise with set-screw, all of brass. Durably and attractively finished in blue with bronze stripe, all well varnished for protection.

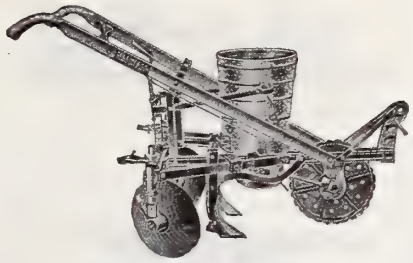
No. 1124. Capacity, 1,000 lbs.
Platform, 18 x 27 in. $27 70
No. 1128. Capacity, 500 lbs.
Platform, 16 x 25 in. 24 25

New York Pattern Store Trucks

Half Strapped.
No. 1. 48-in. handle $8 80
No. 2. 51-in. handle 10 25
No. 3. 54-in. handle 12 00
No. 4. 60-in. handle 16 50

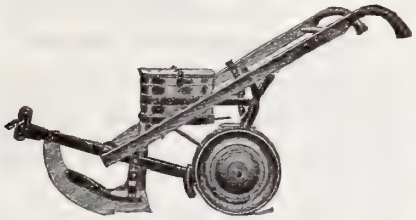
Full Strapped.
No. A1. 48-in. handle 10 00
No. A2. 51-in. handle 12 00
No. A3. 54-in. handle 14 00
No. A4. 60-in. handle 17 75

BALTIMORE STORE TRUCK. $5.00.



Cole "Labor-Saver" Plow and Fertilizer Distributor No. 60

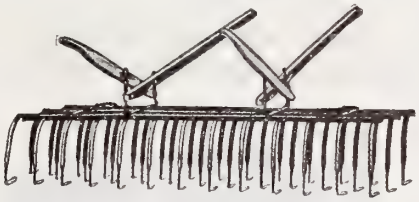
Remember this: The Cole "Labor-Saver" No. 60 puts out the fertilizer, mixes it with the soil, and makes a bed ready for the planter in one trip ..... **$23.75 each**
Ridge board with Spring ..... **$1.75 each**



Cole Plain-View Planter No. 11

The Cole Plain-View Planter is the most wonderful invention in Seed Planters. Most accurate and reliable Corn Planter ever made.

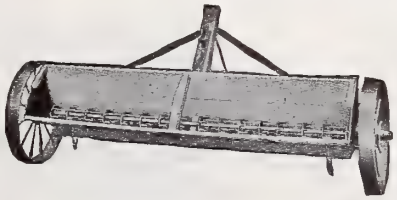
No. 11. Plain Planter $22 50
No. 12. Fertilizer Planter 26 50
Spring Cover 1 75
Attachment to put fertilizer on side .. 3 00



Gritco Flat-Tooth Weeders

7½-ft. $14 40
9-ft. 17 50
Extra Teeth 25
12-ft. Riding Weeder 36 00

Gritco Broadcast Lime Distributor



Box is full 8 feet long; holds about 10 bushels; will sow from 200 to 4,000 lbs. per acre, depending on condition and kind of fertilizer.

Stock size: 8-ft. Box with pole, **$60**; 6-ft. Box with Shafts, **$60**; Doubletrees and Yoke, **add $3.40.**

Farmers' Favorite One-Horse Fertilizer Distributor

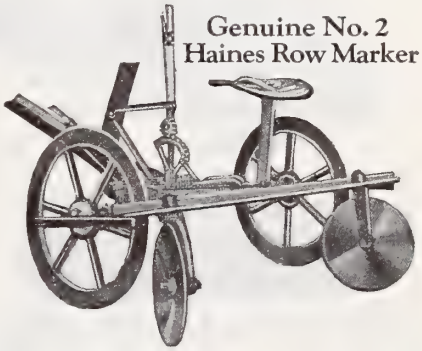
Commercial fertilizer can be sown with this machine in quantities of from 200 to 2,400 pounds per acre .. $12 50

Virginia Row Marker

Very useful for farmers and gardeners for marking corn and potato rows. Fitted with extra side plates on runner.

No. 3. 3-Row, will mark 3 to 5 feet .. $18 00

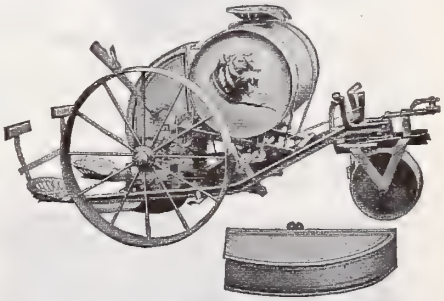
Genuine No. 2 Haines Row Marker



The Marker is of light draught and easily controlled by a light boy as it is not necessary for operator to dismount at ends of furrows to lift one pound.

The Marker is a perfect covering or listing machine, covering one or more rows as may be required and is under perfect control of operator by use of lever that may be adjusted while the machine is in motion.

2-Row Marker $40 00
3-Row Marker 45 00

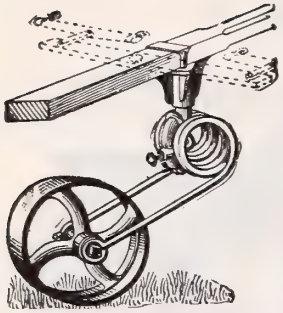


Improved Tiger Transplanter

Adaptable to all conditions of planting and spacing; adjustable to all conditions of soil and ground—on hillside or level; will space plants from 14 to 64 inches apart, and operates as readily with either horse or tractor power.

Driver and two planters can set 5 acres a day without undue strain or hurry .. **$110 00**
Double-Wheel Fore Truck for planting Sweet Potatoes $12 50
Fertilizer Attachment 21 00

HARROWS, ROLLERS, AND SCRAPERS



Keystone Tongue Support

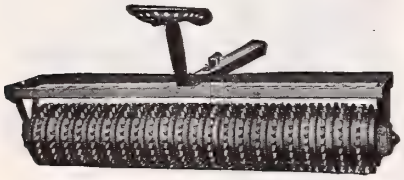
For harvesting machinery and disc harrows.

Price, $5.00

Success Jr. Potato Digger

Price, $15.00

Buch Sprocket Pulverizer



Single Sections. 8-ft.; rolling capacity ft.; weight, 975 lbs., less Trees and Yoke. $58.50

American Round Back Solid Pressed Drag Scraper

With Runners

No. 1	7 cu. ft.	97 lbs.	$9 50
No. 2	5 cu. ft.	86 lbs.	9 25
No. 3	3 cu. ft.	76 lbs.	9 00

Steel Land Rollers

	Lgth. Sec. ft.	Diam. in.	Wt. lbs.	
No. 105½	2 8	24	550	$39 00
No. 106½	3 8	24	585	42 25

Price does not include Doubletrees and Neck Yoke.

Doubletrees and Neck Yoke, extra, $3.00.

Clark "Cutaway" Famous Disc Harrow

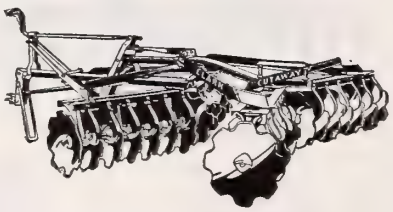
Reversible Single-Action Disc Harrow

The gangs on the Clark "Cutaway" Single-Action Harrow can be swung end for end, so that the soil may be thrown either out or in.

All discs on Clark "Cutaway" Harrows are guaranteed for three years against breakage.

Size	No. of Discs	Width of cut	Hitch	Diam. of Discs	
A-4	8	4-ft.	2-h.	16 in.	$47 00
A-5	10	5-ft.	2-h.	16 in.	54 00
A-6	12	6-ft.	3-h.	16 in.	61 00
A-7	14	7-ft.	4-h.	16 in.	73 00
X-4	8	4-ft.	2-h.	18 in.	53 00
X-5	10	5-ft.	2-h.	18 in.	60 00
X-6	12	6-ft.	4-h.	18 in.	74 00
Extra for Tongue Truck					10 50

Clark "Cutaway" Flexible Double-Action Tractor Harrow

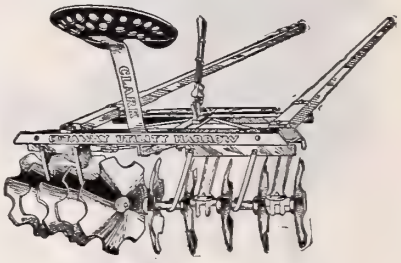


Size	Discs	Diam.	Cut	Weight	
A-6.	24	16-in.	6½-ft.	755 lbs.	$124 00
A-7.	28	16-in.	7½-ft.	860 lbs.	133 50
X-6.	24	18-in.	6½-ft.		131 50
X-7.	28	18-in.	7½-ft.		143 00

Wood-Frame Harrow, Steel-Lined

16-tooth	$17 50	22-tooth	$22 00
18-tooth	18 50	24-tooth	24 00
20-tooth	20 00		

Clark One-Horse Disc Harrow



The Clark "Cutaway" Utility Harrow has 10 14-inch discs, cuts 4 feet wide. The gangs can be reversed in the same manner as the larger Single-Action Disc Harrows described previously. 10 discs, 14-in. diam., 4-ft. cut, one-horse hitch. Weight, 200 lbs. **$41.00 each**

Reversible Wonder Harrow

All-purpose Disc Harrow for farmers and fruit-growers. 8 24-in. discs, 6-ft. cut, **$132.**

Nash-Acme Coulter Harrow

Flexible construction permits the Harrow section to conform more closely to the shape of the surface of the soil.

No. 12F. 12 coulters; 6½-ft. cut; 2-horse; 2-section **$32.00**

No. 16F. 16 coulters; 8½-ft. cut; 2-horse; 2-section **$39.00**

No. 6. 6 coulters; 3-ft. cut; 1-horse; 1-section **$18.00**

No. 8. 8 coulters; 4-ft. 4-in. cut; 1-horse; 1-section **$23.00**

No. 20AT. 20 coulters; 10-ft. cut; 2-section. Weight, 367 lbs. **$81.00**

No. 24AT. 24 coulters; 13-ft. 6-in. cut; 4-section. Weight, 426 lbs. **$93.00**

Coulters for all ..... **95 cts. each**

Oil-Cans

No. 77. These Oil-cans are made from cold rolled steel and have clock spring steel bottoms. Straight or Bent Spout ..... **15 cts. each**

No. 620. Copperized Steel Mowing Machine Oiler. Bent or Straight Spout ..... **25 cts. each**

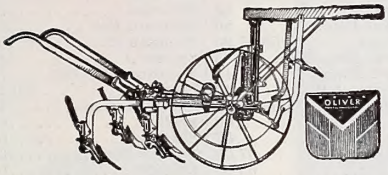
Household Lubricant Oil

This very fine Oil is put up in small Oil-cans, ¼-pint sizes, very convenient to use. It is especially adapted for use on sewing machines, lawn mowers, hinges and locks.

¼-pint cans ..... **20 cts.**

BOLTS, PEA GUARDS AND POULTRY NETTING

No. 2 Oliver Improved Cultivator



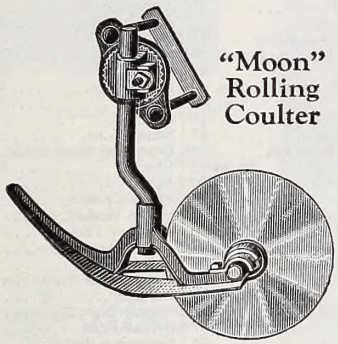
A popular and well-established favorite where either large or small acreages of cultivated crops are raised. Easy on the man because of the great ease with which it is handled. Easy on the horses because of light draft, and there is no neck weight.

No. 2 FEC. Improved 6-shovel; spring-trip gangs; pipe beam.....$55 00

No. 2 FO. Improved 4-shovel; spring-trip gangs; pipe beam..... 50 50

No. 2 HO. Improved 6-shovel; pin-break gangs; pipe beam..... 49 00

"Moon" Rolling Coulter



The shoe presses down all weeds and trash and holds same firmly while being cut by the Coulter.

No. 1. 8-in. disc.....$4 25

No. 2. 10-in. disc..... 4 75

No. 3. 12-in. disc..... 5 50

Machine Bolts

(Rolled Threads)

Length	PRICE PER 100				
	1/4	5/16	3/8	7/16	1/2
1 1/4-in.....	$1.10	$1.60	$2.15	$3.70	$4.30
1 1/2-in.....	1.15	1.70	2.30	3.85	4.50
2 -in.....	1.30	1.95	2.55	4.10	4.85
2 1/2-in.....	1.50	2.15	2.80	4.40	5.15
3 -in.....	1.65	2.35	3.10	4.65	5.50
3 1/2-in.....	1.80	2.55	3.35	4.95	5.85
4 -in.....	2.15	2.75	3.60	5.25	6.20
4 1/2-in.....	2.30	3.10	3.85	5.55	6.55
5 -in.....	2.45	3.30	4.20	5.85	6.90
5 1/2-in.....	2.60	3.50	4.45	6.15	7.25
6 -in.....	2.75	3.70	4.70	6.45	7.60
6 1/2-in.....	3.80	5.10	6.50	9.20	10.15
7 -in.....	4.00	5.35	6.85	9.65	10.60
7 1/2-in.....	4.15	5.55	7.15	10.10	11.05
8 -in.....	4.35	5.80	7.50	10.55	11.50
8 1/2-in.....	4.50	6.00	7.80	11.00	11.95
9 -in.....	4.70	6.25	8.15	11.45	12.40
9 1/2-in.....	4.85	6.45	8.45	11.95	12.85
10 -in.....	5.05	6.70	8.80	12.35	13.30
11 -in.....	5.40	7.15	9.50	13.20	14.70

All 1/4-in. Bolts 100 to package; others 50 to package.

Plow Bolts

Length	Nos. 1, 2, 3, and 7 Price per 100			4, 5, 6, and 8 Price per 100		
	3/8	7/16	1/2	3/8	7/16	1/2
1 1/4-in.....	$2.75	$3.75	$5.25	$3.35	$4.50	$6.20
1 1/2-in.....	2.90	4.00	5.50	3.50	4.75	6.45
1 3/4-in.....	3.05	4.25	5.75	3.65	5.00	6.70
2 -in.....	3.20	4.50	6.00	3.80	5.25	6.95
2 1/4-in.....	3.35	4.75	6.30	3.95	5.50	7.25
2 1/2-in.....	3.50	5.00	6.60	4.10	5.75	7.55
2 3/4-in.....	3.75	5.30	6.90	4.35	6.05	7.85
3 -in.....	4.00	5.65	7.25	4.60	6.40	8.20
3 1/2-in.....	4.90	6.45	7.65	5.50	7.20	8.60
Add for L. H. Thread..	.40	.55	.75	.40	.55	.75

All Plow Bolts 50 to package.

Carriage Bolts

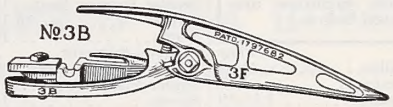
(Rolled Threads)

Length	PRICE PER 100				
	1/4	5/16	3/8	7/16	1/2
1 1/4-in.....	$1.00	$1.50	$1.95	$3.25	$4.00
1 1/2-in.....	1.05	1.55	2.05	3.40	4.15
2 -in.....	1.20	1.75	2.30	3.65	4.45
2 1/2-in.....	1.35	2.00	2.55	3.95	4.80
3 -in.....	1.50	2.20	2.80	4.25	5.15
3 1/2-in.....	1.65	2.40	3.10	4.55	5.50
4 -in.....	2.00	2.60	3.35	4.85	5.85
4 1/2-in.....	2.15	2.95	3.60	5.15	6.20
5 -in.....	2.30	3.15	3.95	5.45	6.55
5 1/2-in.....	2.45	3.35	4.20	5.80	6.95
6 -in.....	2.60	3.55	4.45	6.15	7.35
6 1/2-in.....	3.65	4.90	6.30	8.25	9.75
7 -in.....	3.85	5.15	6.65	8.70	10.20
7 1/2-in.....	4.00	5.35	6.95	9.15	10.65
8 -in.....	4.20	5.60	7.30	9.60	11.10
8 1/2-in.....	4.35	5.80	7.60	10.05	12.05
9 -in.....	4.55	6.05	7.95	10.50	12.50
9 1/2-in.....	4.70	6.25	8.25	10.95	12.95
10 -in.....	4.90	6.50	8.60	11.40	13.40
11 -in.....	5.25	6.95	9.30	12.25	14.30

All 1/4-in. Bolts 100 to package; others 50 to package.

Pea Guards

The new Pea Guards are of the latest improved type, and embody the self-cleaning joint.



No. 3B. Recommended for medium and long crops, also for use on rough, stony, sandy, and very loose soil. The 3B Arm is attached under the mower guard and protects the cutter-bar.....$1.15

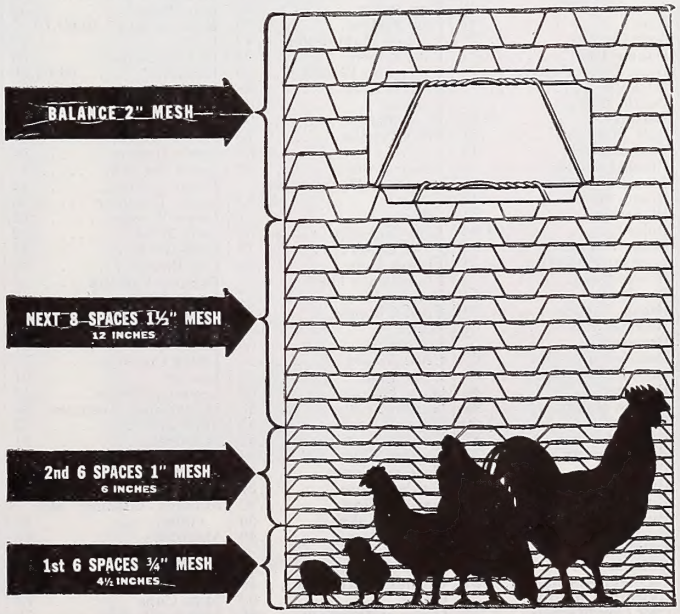
No. 3C. Recommended for even soil and short crops, as it allows the sickle to cut closer to the ground.....$1.15

Green Pea Harvester

No. 6 Green Pea Harvester is made in sizes 4 1/2-, 5-, 6-, and 7-foot. It works successfully in green peas, delivering the crop in the center, which allows the horses and wheels to run on each side of the windrow $10.50

GOOD SPRAYERS are necessary to insure good crops. Make your selection from our complete line.

COMBINATION POULTRY NETTING



For Perfect Poultry Protection!

A new straight-line combination netting designed and made by the latest fabricating methods. It stretches straight and true under tension and holds its original shape. Galvanized. In 150-foot rolls. Size 20.

Width	Per Roll
24 in...	$3.35
36 in...	3.76
48 in...	4.13
60 in...	5.15
72 in...	6.17

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GRIFFITH & TURNER CO.'S

Autumn

Double White Killarney

Special ROSE OFFER No. 2
of HYBRID TEA ROSES

Grown especially for Griffith & Turner Co.

5 EVERBLOOMING ROSES $2
DORMANT STOCK

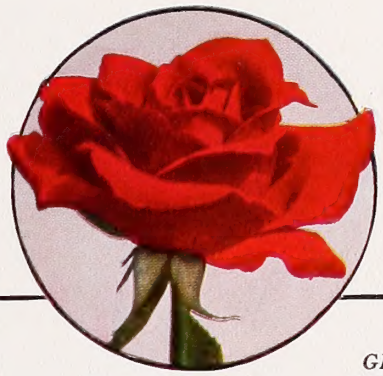
One each of the following 5 varieties:

Autumn
Mrs. Pierre S. du Pont
Double White Killarney
Dame Edith Helen
Etoile de Hollande

Due to the large quantities of these Roses which we have had grown, we are able to offer this collection for $2. These Roses are strong, budded, 2-year-old, field-grown plants, wrapped with damp moss and burlap. They are the same high-quality stock as the Roses offered in our general list on page 25. Dormant stock of Roses can be supplied from March 15 to May 1

Mrs. Pierre S. du Pont

Dame Edith Helen


Etoile de Hollande

OUR SPECIAL ROSE-FOOD
keeps ROSES growing vigorously and helps to control root-pests. 5 lbs. for 50 cts.

SEE PAGE 25 FOR GENERAL LIST OF ROSES AND PARCEL POST RATES

Another Unusual
GRIFFITH & TURNER CO. VALUE

Crimson Glow

Golden Measure

See page 20 for general list of Gladiolus and parcel post rates.

E. J. Shaylor

Orange Queen

Mrs. Frank Pendleton

48 LARGE-FLOWERING GLADIOLUS (Value $2.72) for $1.95

4 each of the following named varieties, individually labeled

BAGDAD
CARMEN SYLVA
CHARLES DICKENS
CRIMSON GLOW
E. J. SHAYLOR
GOLDEN MEASURE
HENRY FORD
MRS. FRANK PENDLETON
ORANGE QUEEN
PAUL PFITZER
ROSE ASH
SCARLET WONDER

GRIFFITH & TURNER CO.

Offer Two Exclusive Specialties for 1937

G. & T. Co.'s Extra-Early Freestate Corn

The G. & T. Co. Introduction for 1937

This is the largest and earliest extra-early Corn on the market. It produces thick ears from ten to twelve inches long. It requires only sixty days to mature and may be planted early in April. We highly recommend this new variety to home gardeners and truckers who want large extra-early Corn.

Packet	**$0.15**	**2 lbs.**	**$0.85**
½lb.	**.25**	**5 lbs.**	**2.00**
1 lb.	**.45**	**10 lbs.**	**3.50**

G. & T. Co.'s Freestate Tomato

This G. & T. Co. Introduction for 1936 has proved very popular

This is the largest and earliest extra-large Tomato. It produces round, solid, non-acid, uniform, deep scarlet fruit of excellent flavor. Considered larger, earlier and better in every respect than Bonny Best.

Packet	**$0.40**	**½oz.**	**$1.70**
¼oz.	**.90**	**1 oz.**	**2.75**

SEEDS

of Every Type for the TRUCKER and HOME GARDENER

1937
CATALOG
No. 50

GRIFFITH & TURNER CO.
BALTIMORE, MD.